

Product Catalogue



Cathwide Medical Co., Ltd.
305A Building 9, No. 1888,
Xin Jinqiao Road,
Shanghai 201206
China

Manufacturing Facility
Building 12-15, No. 410, Yangbang,
Donghu Street, Yuecheng,
Shaoxing 312000
China

T: 008621589 32535
F: 008621589 32535
E: info@cathwide.com

www.cathwide.com



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 Cathwide

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About Us

The Cathwide was founded in 2010. Our concept was very simple then as now- to produce high quality products at competitive prices. With over 12 years of experience and development, today, Cathwide is one of the fastest-growing manufacturers and suppliers of single-use medical device in China. We provide total medical solution for Urology, Kidney health, Airway management, Anesthesia, Critical care, Oxygen and Aerosol therapy, Gastroenterology, Resuscitation, Suction system & Wound drainage system, for use within hospitals, emergency care, and homecare. We offer a full range of product development

capabilities, from idea to mass production. We also partner with leading medical device companies to design and manufacture products that will grow their businesses. At Cathwide, we're always focused on improving patient care and making things better. We are committed to help improve the safety & effectiveness of patient care under a portfolio of recognized, reputable and trusted Cathwide brand. We are constantly developing our portfolio with innovative products and solutions, and we are truly one of the best choices for design, manufacturing and quality for single-use medical devices over the world.

Why Us



Quality

Each product conforms to the quality and safety at the affordable price level. At Cathwide, quality is our promise.



Variety

Our broad product portfolio allows for both patient and clinical requirements to be met, and it always helps our customer to reduce the procurement cost.



Integrity

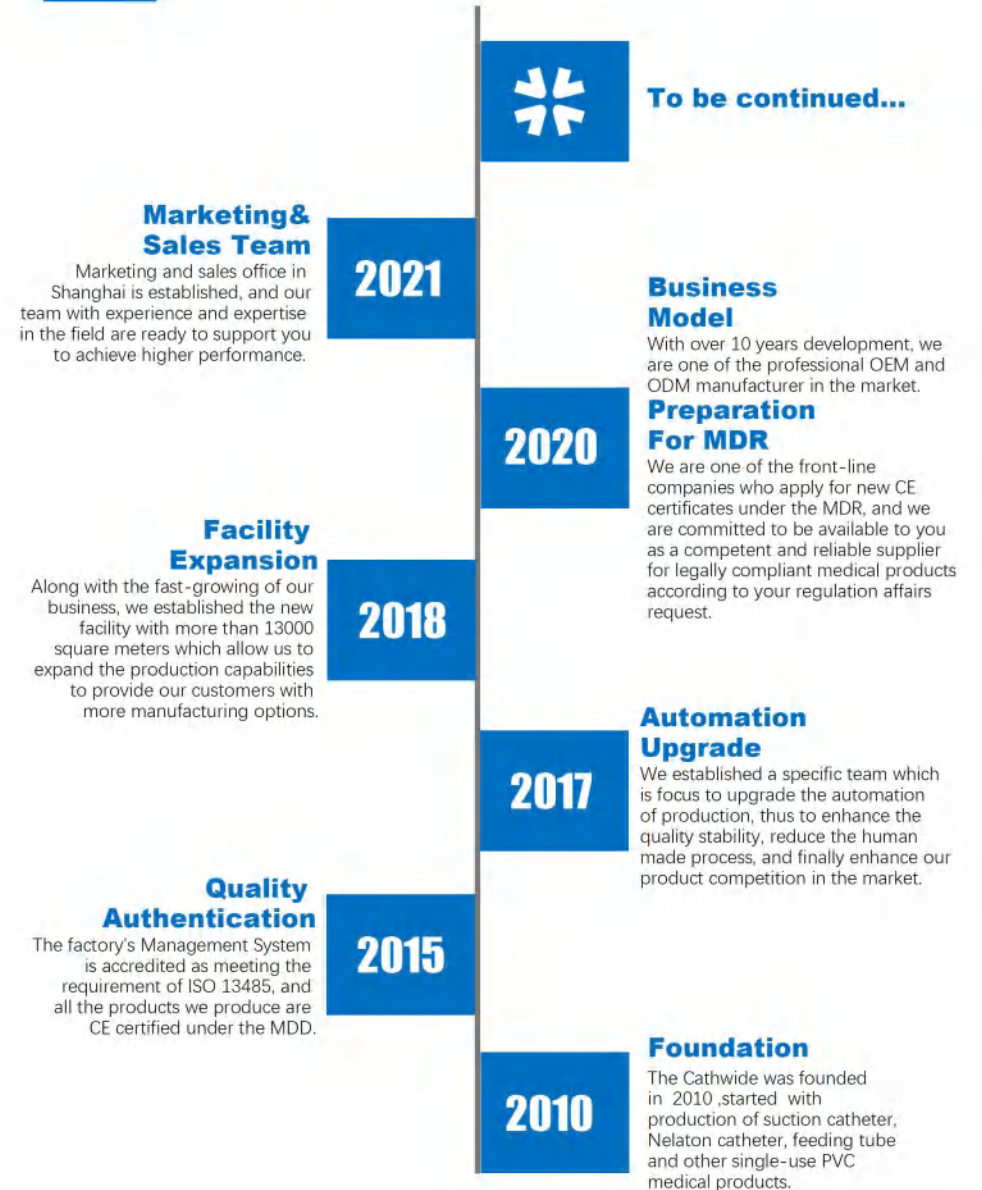
We are truthful and honest in our professional work which guide us to do the right thing.



Expertise

With more than 12 years experience & expertise, we work basing on strong collaboration & trust. In any case you can count on the our professional team.

MILEStone



How to choose a right catheter? Here is a quick guide to different types of urological drainage catheters, and Cathwide always provide a wide range with perfect catheters for every application, whether for standard use or special use, for short or long-term use.

Materials:

Each have pros and cons and it is very important to choose the right material for each application. Today latex and silicone are the most commonly used materials for indwelling catheters, and PVC are the most commonly used material for intermittent catheters.

| | Advantages | Disadvantages |
|------------------|--|---|
| Latex | Soft and flexible material; Provides good comfort; Smooth surface inside and outside; Cost-effective and economic choice; For short term use less than 7 days; | Not suitable for patients with latex allergy or sensitivity |
| Silicone | Excellent biocompatibility, non-allergenic; Ideal for long term use up to 30 days; Larger inner lumen than latex; Cause less irritation than latex; Safe and easy to insert due to stiffness; Clear for viewing urine output; | Can be perceived as too stiff; Risk to develop collar when deflated; The cost is higher than latex; |
| PVC | Firm while also flexible; Clear for viewing urine output; Efficient drainage; Safe and easy to insert; Adapts to anatomical situation; | Commonly apply for the intermittent urinary drainage; The stiffness might damage the tissue; |
| DEHP Free | DEHP, also known as dioctyl phthalate or DOP, has been the most commonly used phthalate plasticizer in the medical device industry. We provide DEHP Free solution for all catheter material for better safety to patients. | The cost is higher than the materials with DEHP; |





Coatings:

There are different types of coating on the catheter material for different medical purposes. Some are for better comfort to patients, and some are for protecting patients from latex allergy.

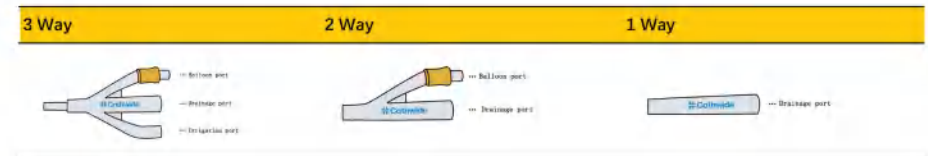
| | |
|----------------------------|---|
| Silicone coating | All Cathwide latex catheters is coated with a thin layer of silicone, to protect the patient's tissue against latex. |
| Hydrophilic Coating | All Cathwide latex foley catheter, 100% silicone foley catheter and PVC catheter are available with hydrophilic coating. It provides excellent biocompatibility and has low friction which provides better comfort to patients. It is especially beneficial for self-catheterization. |

Tips:

There are different tips available to suit with different application. Tip selection is guided by the indication for insertion and anatomical factors. The most commonly used tip for routine catheterization is the straight tip which is round with two drainage eyes. The second commonly used tip is Tiemann which is curved for ease insertion of male urethra.

| | | |
|--------------------|---|---|
| Cylindrical |  | This is the standard form of catheter tip, and it is applicable for most of situation. |
| Tiemann |  | The tip is curved which is especially useful for males with enlarged prostates and urethral strictures, and that's why the majority of Tiemann tip catheter users are male patients. |
| Couvelaire |  | The Couvelaire straight open concave tip with two sets of large and staggered eyes for drainage and an additional eye for irrigation allows high performance drainage and irrigation. |
| Dufour |  | The Dufour open tip is slightly curved with two sets of large and staggered eyes for drainage and an additional eye for irrigation allows high performance drainage and irrigation. |

Channels:

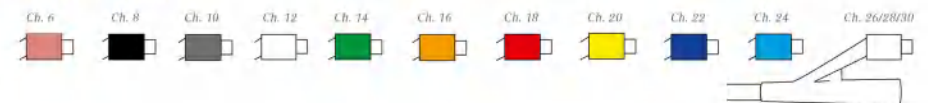


Sizes:

Catheter size is measured by the external diameter and expressed in French gauge (Fg or Fr; 1 Fr = 1/3 mm). The correct size is determined by patient characteristics, type of fluid drained and indication for insertion.

| Size | Patient group | The commonly used size | To be used for |
|---------------|-------------------|------------------------|--|
| Fr6-Fr10 | Children | Fr10 | Normally liquid urine |
| Fr12-Fr14 | Adult female | Fr12 | Normally liquid urine |
| Fr14-Fr18 | Adult male | Fr14 | Cloudy urine, blood in the urine without clots |
| Fr18 or above | Adult male/female | Fr18 | Blood clots |

Color Code:



100% Silicone Foley Catheter



Retention balloon
Easy removal even after 30 days of use

Plastic valve
Reliable quality ensures safety of inflation and deflation of balloon

Outlet connector
Provides a secure connection to a catheter valve or drainage bag



Smooth closed tip
Allows for easy insertion and maximizes the patient comfort

Large eyes
Allows for quick drainage and reduces risk of blockage

Radiopaque
Allows for monitoring position of catheter under X-ray

Pediatric size
The size Fr6-Fr10 have an insertion guidewire that provides stabilization during catheterization



| Code | Size | Balloon(cc) | Color Code | Length(mm) |
|---|----------|-------------|------------|------------|
| Pediatric catheters – 2 way, with stylet | | | | |
| 11120635 | 6 Ch/Fr | 3-5 | Light red | 270 |
| 11120835 | 8 Ch/Fr | 3-5 | Black | 270 |
| 11121035 | 10 Ch/Fr | 3-5 | Grey | 270 |
| Male catheters – 2 way | | | | |
| 11121210 | 12 Ch/Fr | 10 | White | 400 |
| 11121410 | 14 Ch/Fr | 10 | Green | 400 |
| 11121610 | 16 Ch/Fr | 10 | Orange | 400 |
| 11121630 | 16 Ch/Fr | 30 | Orange | 400 |
| 11121810 | 18 Ch/Fr | 10 | Red | 400 |
| 11121830 | 18 Ch/Fr | 30 | Red | 400 |
| 11122010 | 20 Ch/Fr | 10 | Yellow | 400 |
| 11122030 | 20 Ch/Fr | 30 | Yellow | 400 |
| 11122210 | 22 Ch/Fr | 10 | Violet | 400 |
| 11122230 | 22 Ch/Fr | 30 | Violet | 400 |
| 11122410 | 24 Ch/Fr | 10 | Blue | 400 |
| 11122430 | 24 Ch/Fr | 30 | Blue | 400 |
| 11122610 | 26 Ch/Fr | 10 | Pink | 400 |
| 11122630 | 26 Ch/Fr | 30 | Pink | 400 |
| Male catheters – 3 way | | | | |
| 11131630 | 16 Ch/Fr | 30 | Orange | 400 |
| 11131830 | 18 Ch/Fr | 30 | Red | 400 |
| 11132030 | 20 Ch/Fr | 30 | Yellow | 400 |
| 11132230 | 22 Ch/Fr | 30 | Violet | 400 |
| 11132430 | 24 Ch/Fr | 30 | Blue | 400 |
| 11132630 | 26 Ch/Fr | 30 | Pink | 400 |
| Female catheters – 2 way | | | | |
| 11141210 | 12 Ch/Fr | 10 | White | 260 |
| 11141410 | 14 Ch/Fr | 10 | Green | 260 |
| 11141610 | 16 Ch/Fr | 10 | Orange | 260 |
| 11141830 | 18 Ch/Fr | 30 | Red | 260 |
| 11142030 | 20 Ch/Fr | 30 | Yellow | 260 |
| 11142230 | 22 Ch/Fr | 30 | Violet | 260 |

Latex Foley Catheter



Retention balloon
Easy removal even after 7 days of use

Inflation valve
Available with plastic valve and rubber valve

Outlet connector
Provides a secure connection to a catheter valve or drainage bag

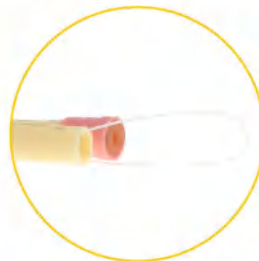


Smooth closed tip
Allows for easy insertion and maximizes the patient comfort

Large eyes
Allows for quick drainage and reduces risk of blockage

Silicone coating
Provides good biocompatibility

Pediatric size
The size Fr6-Fr10 have an insertion guidewire that provides stabilization during catheterization



Silicone Coated



Excellent flexibility



Max 7 days duration

| Code | Code | Size | Balloon(cc) | Color Code | Length(mm) |
|---|--------------|----------|-------------|------------|------------|
| Plastic valve | Rubber valve | | | | |
| Pediatric catheters – 2 way, with stylet | | | | | |
| 11220635 | 11320635 | 6 Ch/Fr | 3-5 | Light red | 270 |
| 11220835 | 11320835 | 8 Ch/Fr | 3-5 | Black | 270 |
| 11221035 | 11321035 | 10 Ch/Fr | 3-5 | Grey | 270 |
| Male catheters – 2 way | | | | | |
| 11221210 | 11321210 | 12 Ch/Fr | 10 | White | 400 |
| 11221415 | 11321415 | 14 Ch/Fr | 10 | Green | 400 |
| 11221610 | 11321610 | 16 Ch/Fr | 10 | Orange | 400 |
| 11221630 | 11321630 | 16 Ch/Fr | 30 | Orange | 400 |
| 11221810 | 11321810 | 18 Ch/Fr | 10 | Red | 400 |
| 11221830 | 11321830 | 18 Ch/Fr | 30 | Red | 400 |
| 11222010 | 11322010 | 20 Ch/Fr | 10 | Yellow | 400 |
| 11222030 | 11322030 | 20 Ch/Fr | 30 | Yellow | 400 |
| 11222210 | 11322210 | 22 Ch/Fr | 10 | Violet | 400 |
| 11222230 | 11322230 | 22 Ch/Fr | 30 | Violet | 400 |
| 11222410 | 11322410 | 24 Ch/Fr | 10 | Blue | 400 |
| 11222430 | 11322430 | 24 Ch/Fr | 30 | Blue | 400 |
| 11222610 | 11322610 | 26 Ch/Fr | 10 | Pink | 400 |
| 11222630 | 11322630 | 26 Ch/Fr | 30 | Pink | 400 |
| Male catheters – 3 way | | | | | |
| 11231630 | 11331630 | 16 Ch/Fr | 30 | Orange | 400 |
| 11231830 | 11331830 | 18 Ch/Fr | 30 | Red | 400 |
| 11232030 | 11332030 | 20 Ch/Fr | 30 | Yellow | 400 |
| 11232230 | 11332230 | 22 Ch/Fr | 30 | Violet | 400 |
| 11232430 | 11332430 | 24 Ch/Fr | 30 | Blue | 400 |
| 11232630 | 11332630 | 26 Ch/Fr | 30 | Pink | 400 |
| Female catheters – 2 way | | | | | |
| 11241210 | 11341210 | 12 Ch/Fr | 10 | White | 260 |
| 11241410 | 11341410 | 14 Ch/Fr | 10 | Green | 260 |
| 11241610 | 11341610 | 16 Ch/Fr | 10 | Orange | 260 |
| 11241830 | 11341830 | 18 Ch/Fr | 30 | Red | 260 |
| 11242030 | 11342030 | 20 Ch/Fr | 30 | Yellow | 260 |
| 11242230 | 11342230 | 22 Ch/Fr | 30 | Violet | 260 |

Foley Catheters, Tiemann Tip

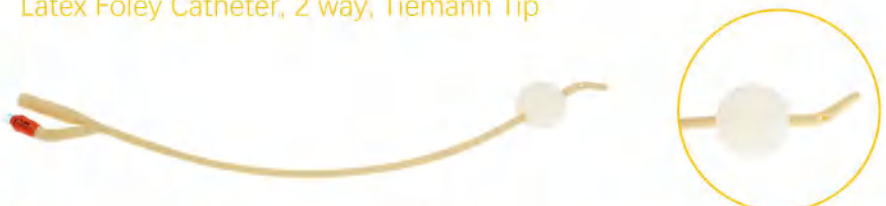
Tiemann tip catheter is designed with a curved, angled tip that makes it easier to pass through the prostate in patients who have an enlarged prostate or urethral stricture. Most patients who use Tiemann tip catheters are males. Cathwide offers silicone and latex material for different choices.

100% Silicone Foley Catheter, 2 way, Tiemann Tip



| Code | Size | Balloon(cc) | Color Code | Length(mm) |
|----------|----------|-------------|------------|------------|
| 11151230 | 12 Ch/Fr | 30 | White | 400 |
| 11151430 | 14 Ch/Fr | 30 | Green | 400 |
| 11151630 | 16 Ch/Fr | 30 | Orange | 400 |
| 11151830 | 18 Ch/Fr | 30 | Red | 400 |
| 11152030 | 20 Ch/Fr | 30 | Yellow | 400 |
| 11152230 | 22 Ch/Fr | 30 | Violet | 400 |

Latex Foley Catheter, 2 way, Tiemann Tip



| Code | Size | Balloon(cc) | Color Code | Length(mm) |
|----------|----------|-------------|------------|------------|
| 11251230 | 12 Ch/Fr | 30 | White | 400 |
| 11251430 | 14 Ch/Fr | 30 | Green | 400 |
| 11251630 | 16 Ch/Fr | 30 | Orange | 400 |
| 11251830 | 18 Ch/Fr | 30 | Red | 400 |
| 11252030 | 20 Ch/Fr | 30 | Yellow | 400 |
| 11252230 | 22 Ch/Fr | 30 | Violet | 400 |

Foley Catheters, Dufour Tip

It is commonly used for post-TURP hemostasis. The Dufour open tip is slightly curved with two sets of large and staggered eyes for drainage and an additional eye for irrigation allows high performance drainage and irrigation.

100% Silicone Foley Catheter, 3 way, Dufour Tip



| Code | Size | Balloon(cc) | Color Code | Length(mm) |
|----------|----------|-------------|------------|------------|
| 11161650 | 16 Ch/Fr | 50 | Orange | 430 |
| 11161850 | 18 Ch/Fr | 50 | Red | 430 |
| 11162050 | 20 Ch/Fr | 50 | Yellow | 430 |
| 11162250 | 22 Ch/Fr | 50 | Violet | 430 |

Latex Foley Catheter, 3 way, Dufour Tip



| Code | Size | Balloon(cc) | Color Code | Length(mm) |
|----------|----------|-------------|------------|------------|
| 11261660 | 16 Ch/Fr | 60 | Orange | 430 |
| 11261860 | 18 Ch/Fr | 60 | Red | 430 |
| 11262060 | 20 Ch/Fr | 60 | Yellow | 430 |

Foley catheters, Couvelaire Tip

The Couvelaire tip is straight with two sets of large and staggered eyes for drainage and an additional eye for irrigation allows high performance drainage and irrigation. The additional strength of the catheter wall assures users that any blockage can be cleared by irrigation, and will not collapse under aspiration.

Latex Foley Catheter, 3 way, Couvelaire Tip



| Code | Size | Balloon(cc) | Color Code | Length(mm) |
|----------|----------|-------------|------------|------------|
| 11271660 | 16 Ch/Fr | 60 | Orange | 420 |
| 11271860 | 18 Ch/Fr | 60 | Red | 420 |
| 11272060 | 20 Ch/Fr | 60 | Yellow | 420 |

100% Silicone Foley Catheter With Temperature Sensor

The Cathwide 100% Silicone Foley catheter with temperature sensor incorporates a temperature probe and is designed for urinary drainage and simultaneous monitoring of core body temperature before, during and after surgery. Monitoring core body temperature accurately through the bladder may help prevent hypothermia. It is made from 100% medical grade silicone, and it is fully compatible with most patient monitors.



| Code | Size | Balloon(cc) | Color Code | Length(mm) |
|--|----------|-------------|------------|------------|
| Pediatric catheters – 2way, with stylet | | | | |
| 11180835 | 8 Ch/Fr | 3-5 | Black | 270 |
| 11181035 | 10 Ch/Fr | 3-5 | Grey | 270 |
| Male catheters – 2 way | | | | |
| 11181210 | 12 Ch/Fr | 10 | White | 400 |
| 11181410 | 14 Ch/Fr | 10 | Green | 400 |
| 11181610 | 16 Ch/Fr | 10 | Orange | 400 |
| 11181830 | 18 Ch/Fr | 30 | Red | 400 |
| 11182030 | 20 Ch/Fr | 30 | Yellow | 400 |
| 11182230 | 22 Ch/Fr | 30 | Violet | 400 |
| 11182430 | 24 Ch/Fr | 30 | Blue | 400 |

PVC Nelaton Catheter

Key Features:

- Made of medical grade PVC
- Smooth tip for easy insertion and comfort
- 2 lateral eyes allow for maximum flow
- Funnel end for ease of handling
- Color coded for size identification
- Suitable for male or female catheterization

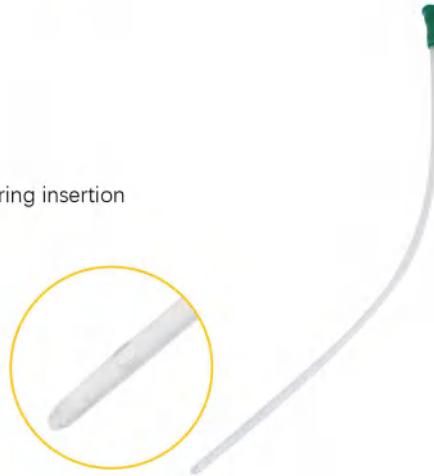


| Code | Length | Size | Color Code |
|-------------------------|--------|----------|-------------|
| Male catheters | | | |
| 11410601 | 400mm | 6 Ch/Fr | Light green |
| 11410801 | 400mm | 8 Ch/Fr | Blue |
| 11411001 | 400mm | 10 Ch/Fr | Black |
| 11411201 | 400mm | 12 Ch/Fr | White |
| 11411401 | 400mm | 14 Ch/Fr | Green |
| 11411601 | 400mm | 16 Ch/Fr | Orange |
| 11411801 | 400mm | 18 Ch/Fr | Red |
| 11412001 | 400mm | 20 Ch/Fr | Yellow |
| 11412201 | 400mm | 22 Ch/Fr | Violet |
| 11412401 | 400mm | 24 Ch/Fr | Dark blue |
| Female catheters | | | |
| 11410602 | 200mm | 6 Ch/Fr | Light green |
| 11410802 | 200mm | 8 Ch/Fr | Blue |
| 11411002 | 200mm | 10 Ch/Fr | Black |
| 11411202 | 200mm | 12 Ch/Fr | White |
| 11411402 | 200mm | 14 Ch/Fr | Green |
| 11411602 | 200mm | 16 Ch/Fr | Orange |
| 11411802 | 200mm | 18 Ch/Fr | Red |
| 11412002 | 200mm | 20 Ch/Fr | Yellow |
| 11412202 | 200mm | 22 Ch/Fr | Violet |
| 11412402 | 200mm | 24 Ch/Fr | Dark blue |

PVC Nelaton Catheter, Polished Eyelets

Key Features:

- Made of medical grade PVC
- Smooth tip for easy insertion and comfort
- The smooth, polished eyelets reduce trauma during insertion
- Funnel end for ease of handling
- Color coded for size identification
- Suitable for male or female catheterization

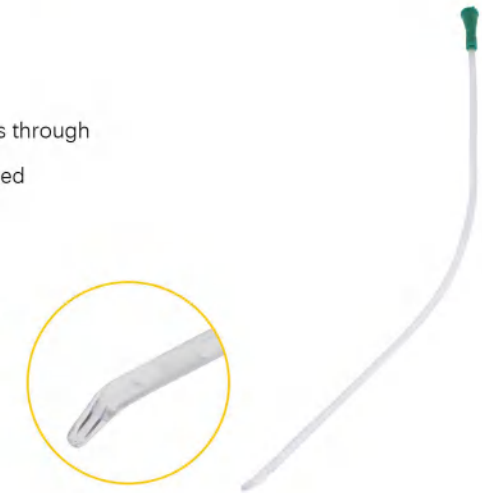


| Code | Length | Size | Color Code |
|-------------------------|--------|----------|-------------|
| Male catheters | | | |
| 11420601 | 400mm | 6 Ch/Fr | Light green |
| 11420801 | 400mm | 8 Ch/Fr | Blue |
| 11421001 | 400mm | 10 Ch/Fr | Black |
| 11421201 | 400mm | 12 Ch/Fr | White |
| 11421401 | 400mm | 14 Ch/Fr | Green |
| 11421601 | 400mm | 16 Ch/Fr | Orange |
| 11421801 | 400mm | 18 Ch/Fr | Red |
| 11422001 | 400mm | 20 Ch/Fr | Yellow |
| 11422201 | 400mm | 22 Ch/Fr | Violet |
| 11422401 | 400mm | 24 Ch/Fr | Dark blue |
| Female catheters | | | |
| 11420602 | 200mm | 6 Ch/Fr | Light green |
| 11420802 | 200mm | 8 Ch/Fr | Blue |
| 11421002 | 200mm | 10 Ch/Fr | Black |
| 11421202 | 200mm | 12 Ch/Fr | White |
| 11421402 | 200mm | 14 Ch/Fr | Green |
| 11421602 | 200mm | 16 Ch/Fr | Orange |
| 11421802 | 200mm | 18 Ch/Fr | Red |
| 11422002 | 200mm | 20 Ch/Fr | Yellow |
| 11422202 | 200mm | 22 Ch/Fr | Violet |
| 11422402 | 200mm | 24 Ch/Fr | Dark blue |

PVC Nelaton Catheter, Tiemann Tip

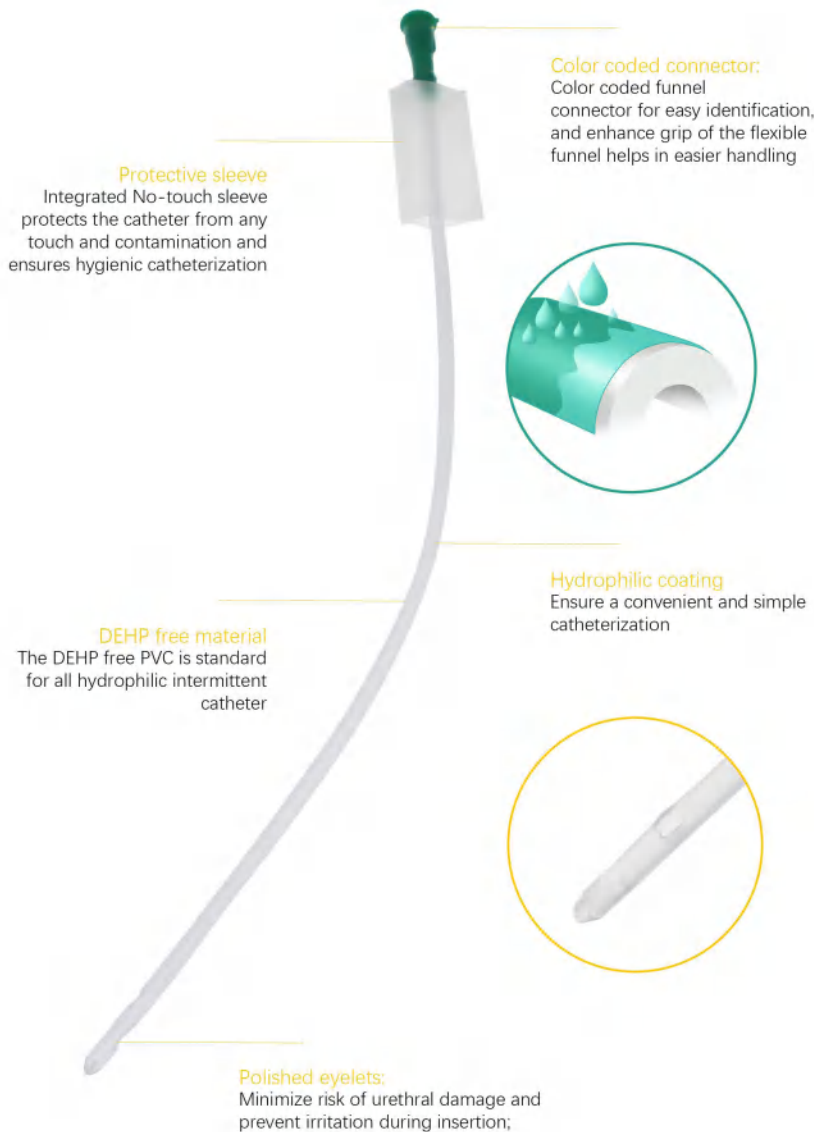
Key Features:

- Made of medical grade PVC
- Curved Tiemann tip makes it easier to pass through the prostate in patients who have an enlarged prostate or urethral stricture
- Mostly used by male patients
- Smooth tip for easy insertion and comfort
- 2 lateral eyes allow for maximum flow
- Funnel end for ease of handling
- Color coded for size identification



| Code | Size | Length(mm) | Color Code |
|----------|----------|------------|-------------|
| 11430601 | 6 Ch/Fr | 400 | Light green |
| 11430801 | 8 Ch/Fr | 400 | Blue |
| 11431001 | 10 Ch/Fr | 400 | Black |
| 11431201 | 12 Ch/Fr | 400 | White |
| 11431401 | 14 Ch/Fr | 400 | Green |
| 11431601 | 16 Ch/Fr | 400 | Orange |
| 11431801 | 18 Ch/Fr | 400 | Red |
| 11432001 | 20 Ch/Fr | 400 | Yellow |

PVC Nelaton Catheter, Hydrophilic Coating



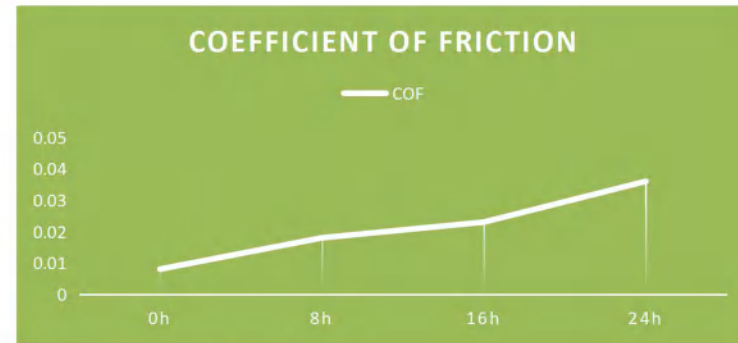
Key Features:

Excellent Lubricity

Less hurt to mucous membrane and improving safety; Provide smooth insertion and removal for obtaining a more comfortable catheterization experience.

Stable Lubricity

The hydrophilic coating could keep stable lubricity more than 24 hours, and bring comfortable experience to patients.



DEHP Free medical grade PVC

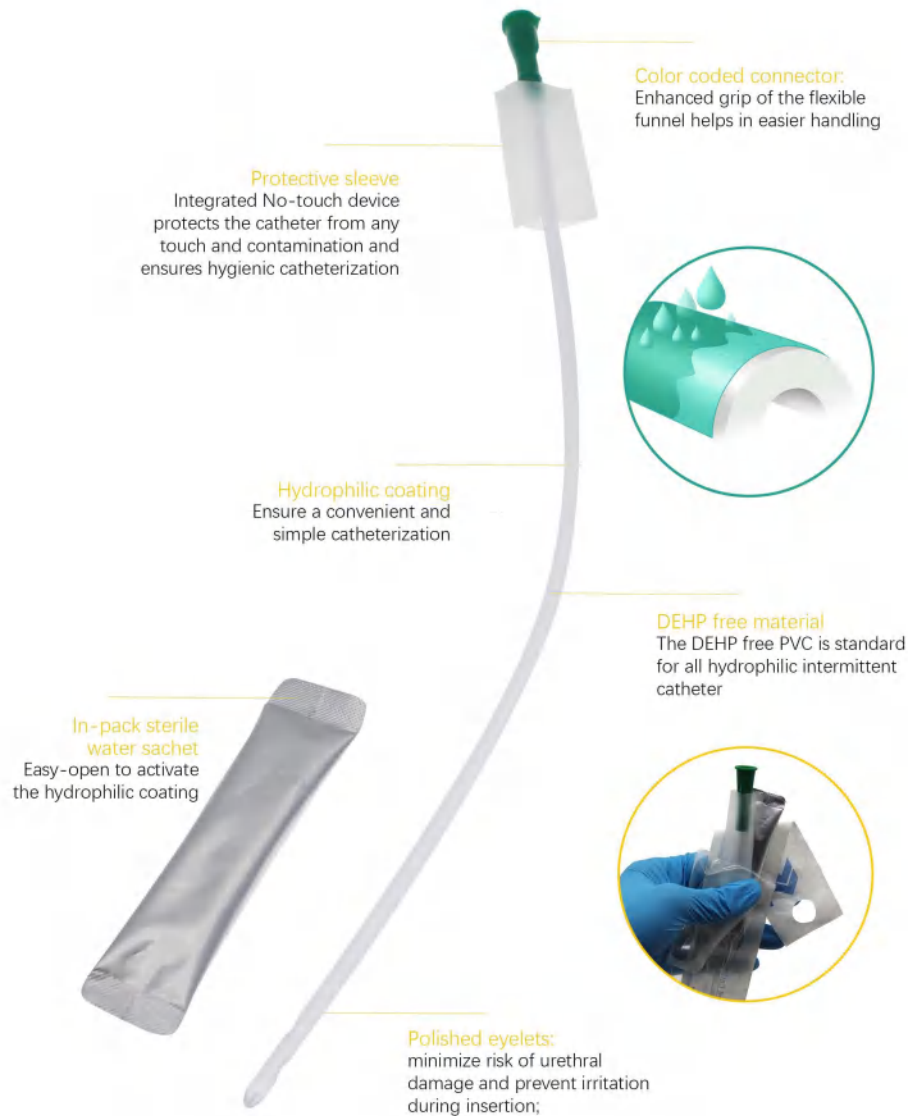
The DEHP Free material guarantees maximum safety; Firmness and durability;

Polished eyelets

Ensuring a smooth catheter surface which minimizes friction and the risk of urethral damage;

| Code | Length | Size | Color Code |
|-------------------------|--------|----------|-------------|
| Male catheters | | | |
| 11440601 | 400mm | 6 Ch/Fr | Light green |
| 11440801 | 400mm | 8 Ch/Fr | Blue |
| 11441001 | 400mm | 10 Ch/Fr | Black |
| 11441201 | 400mm | 12 Ch/Fr | White |
| 11441401 | 400mm | 14 Ch/Fr | Green |
| 11441601 | 400mm | 16 Ch/Fr | Orange |
| 11441801 | 400mm | 18 Ch/Fr | Red |
| Female catheters | | | |
| 11440602 | 200mm | 6 Ch/Fr | Light green |
| 11440802 | 200mm | 8 Ch/Fr | Blue |
| 11441002 | 200mm | 10 Ch/Fr | Black |
| 11441202 | 200mm | 12 Ch/Fr | White |
| 11441402 | 200mm | 14 Ch/Fr | Green |
| 11441602 | 200mm | 16 Ch/Fr | Orange |
| 11441802 | 200mm | 18 Ch/Fr | Red |

PVC Nelaton Catheter, Hydrophilic Coating With Water Sachet



Key features:

Excellent Lubricity

Less hurt to mucous membrane and improving safety;
Provide smooth insertion and removal for obtaining a more comfortable catheterization experience.

Water Sachet

Come with sterile water sachet to provide manual activation of hydrophilic coating;
Simply press the water sachet to release the water before insertion;
Easy to open for patients;
Ready to use;

DEHP Free medical grade PVC

The DEHP Free material guarantees maximum safety;
Firmness and durability;

Polished eyelets

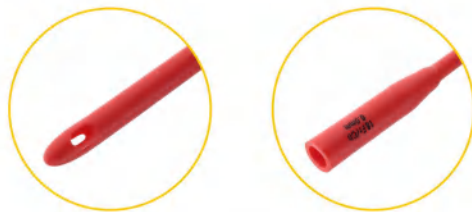
Ensuring a smooth catheter surface which minimizes friction and the risk of urethral damage;

| Code | Length | Size | Color Code |
|-------------------------|--------|----------|-------------|
| Male catheters | | | |
| 11450601 | 400mm | 6 Ch/Fr | Light green |
| 11450801 | 400mm | 8 Ch/Fr | Blue |
| 11451001 | 400mm | 10 Ch/Fr | Black |
| 11451201 | 400mm | 12 Ch/Fr | White |
| 11451401 | 400mm | 14 Ch/Fr | Green |
| 11451601 | 400mm | 16 Ch/Fr | Orange |
| 11451801 | 400mm | 18 Ch/Fr | Red |
| Female catheters | | | |
| 11450602 | 200mm | 6 Ch/Fr | Light green |
| 11450802 | 200mm | 8 Ch/Fr | Blue |
| 11451002 | 200mm | 10 Ch/Fr | Black |
| 11451202 | 200mm | 12 Ch/Fr | White |
| 11451402 | 200mm | 14 Ch/Fr | Green |
| 11451602 | 200mm | 16 Ch/Fr | Orange |
| 11451802 | 200mm | 18 Ch/Fr | Red |

Latex Intermittent Catheter

Key Features:

- Made of medical grade latex
- Smooth rounded tip for easy insertion and comfort
- Two large opposing eyes for optimal drainage
- One way design



| Code | Size | Length(mm) |
|------------------|----------|------------|
| Pediatric | | |
| 11460600 | 6 Ch/Fr | 270 |
| 11460800 | 8 Ch/Fr | 270 |
| 11461000 | 10 Ch/Fr | 270 |
| Adult | | |
| 11461200 | 12 Ch/Fr | 400 |
| 11461400 | 14 Ch/Fr | 400 |
| 11461600 | 16 Ch/Fr | 400 |
| 11461800 | 18 Ch/Fr | 400 |
| 11462000 | 20 Ch/Fr | 400 |
| 11462200 | 22 Ch/Fr | 400 |
| 11462400 | 24 Ch/Fr | 400 |
| 11462600 | 26 Ch/Fr | 400 |
| 11462800 | 28 Ch/Fr | 400 |
| 11463000 | 30 Ch/Fr | 400 |

Male External Catheter, Silicone

Key Features:

- Made of soft and breathable silicone which provides comfortable wear to the patient
- Transparent material allows for skin health monitoring while the catheter is in place
- 100% silicone made prevents patients from skin irritation
- Skin-friendly adhesive
- Available with self-adhesive type



| Code | Size(mm) |
|----------|----------|
| 11810025 | 25 |
| 11810030 | 30 |
| 11810035 | 35 |
| 11810040 | 40 |

Male External Catheter, Latex

Key Features:

- Made of latex
- Designed to be easy to apply, easy to wear, and easy to remove
- Standard with tape that provides proper securement;
- Fitting with most of leg drainage bags
- The tapered tip ensures a secure connection

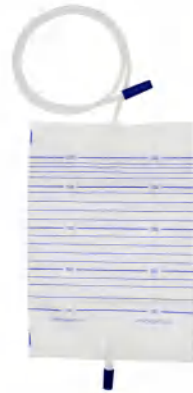


| Code | Size(mm) |
|----------|----------|
| 11820025 | 25 |
| 11820030 | 30 |
| 11820035 | 35 |
| 11820040 | 40 |

Urine Bag Basic

Key Features:

- Standard capacity is 2L, and available in 1.5L and 3L
- Non-return valve minimizes the risk of urinary tract infection
- Graduation scales for indication purpose only
- Holes for bag stand
- Available with Push Pull, Twist and T-tap valve bottom outlet
- Available with different length of inlet tube
- Available with sterile or non-sterile supply



| Sterile | Non-Sterile | Capacity(ml) | Inlet Tube Length(cm) | Bottom Outlet Valve |
|----------|-------------|--------------|-----------------------|---------------------|
| 11502001 | 11512001 | 2000 | 90 | Push Pull |
| 11501501 | 11511501 | 1500 | 90 | Push Pull |
| 11502002 | 11512002 | 2000 | 90 | Twist |
| 11501502 | 11511502 | 1500 | 90 | Twist |
| 11502003 | 11512003 | 2000 | 90 | T-tap |
| 11503003 | 11513003 | 3000 | 90 | T-tap |

Urine Bag Plus

Key Features:

- 2L capacity only
- The wide bore inlet tube allows rapid flow of urine into the bag
- Needless sample port eliminates the risk of the bag leakage
- Non-return valve minimizes the risk of urinary tract infection
- Standard T-tap valve bottom outlet allows convenient emptying of the bag when required
- Available with sterile or non-sterile supply



| Sterile | Non-Sterile | Capacity(ml) | Inlet Tube Length(cm) | Bottom Outlet Valve |
|----------|-------------|--------------|-----------------------|---------------------|
| 11502013 | 11512013 | 2000 | 90 | T-tap |

Urine Bag Super

Key Features:

- First choice for the postoperative drainage
- The integrated hanger for convenient and secured hanging from bed or stand
- Like a barrier, the drip chamber helps to protect against retrograde infection with a filter inbuilt
- Needless sample port eliminates the risk of the bag leakage
- Non-return valve minimizes the risk of urinary tract infection
- Air-vent improve the pressure compensation
- Accurate graduation markings in ml for self-management
- Standard T-tap valve allows one-hand hygienic operation
- Bottom outlet to be folded up for floor clearance and reducing the risk of cross infection
- Sterile only



| Code | Capacity(ml) | Inlet Tube Length(cm) | Bottom Outlet Valve | Air Vent | Drip Chamber |
|----------|--------------|-----------------------|---------------------|----------|--------------|
| 11502023 | 2000 | 120 | T-tap | yes | yes |
| 11502623 | 2600 | 120 | T-tap | yes | yes |

Leg Bag Basic

Key Features:

- Non-return valve minimizes the risk of urinary tract infection
- Available with various capacities for different patient's requirements
- Available with Twist and T-tap valve bottom outlet
- Available with different length of inlet tube
- Sterile only

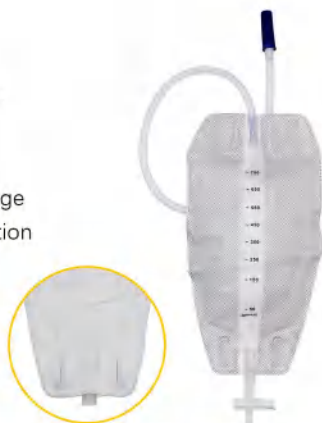


| Code | Capacity(ml) | Inlet Tube Length(cm) | Bottom Outlet Valve |
|----------|--------------|-----------------------|---------------------|
| 11613507 | 350 | 7 | Twist |
| 11613530 | 350 | 30 | Twist |
| 11615007 | 500 | 7 | Twist |
| 11615030 | 500 | 30 | Twist |
| 11615060 | 500 | 60 | Twist |
| 11617507 | 750 | 7 | Twist |
| 11617530 | 750 | 30 | Twist |

Leg Bag ComFit

Key Features:

- Skin-friendly fabric backing helps to reduce skin irritation and maximize patient's comfort
- Elasticated straps are included
- Needless sample port eliminates the risk of the bag leakage
- Non-return valve minimizes the risk of urinary tract infection
- Standard T-tap valve bottom outlet allows convenient emptying of the bag when required
- Sterile only



| Code | Capacity(ml) | Inlet Tube Length(cm) | Bottom Outlet Valve |
|----------|--------------|-----------------------|---------------------|
| 11623507 | 350 | 7 | T-tap |
| 11623530 | 350 | 30 | T-tap |
| 11625007 | 500 | 7 | T-tap |
| 11625030 | 500 | 30 | T-tap |
| 11625060 | 500 | 60 | T-tap |
| 11627507 | 750 | 7 | T-tap |
| 11627530 | 750 | 30 | T-tap |

Urine Meter

Key Features:

- Designed for postoperative patients, especially for ICU patients who need precise monitoring of urine output
- Large scale for accurate reading
- 1.2m Star lumen tubing for kink resistance
- Air-vent improve the pressure compensation
- Needless sample port eliminates the risk of the bag leakage
- Non-return valve minimizes the risk of urinary tract infection
- The integrated hanger for convenient and secured hanging from any bed frame
- Sterile only

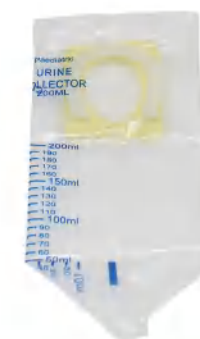


| Code | Chamber Capacity(ml) | Bag Capacity(ml) |
|----------|----------------------|------------------|
| 11720020 | 200 | 2000 |
| 11740020 | 400 | 2000 |
| 11750020 | 500 | 2000 |
| 11740026 | 400 | 2600 |
| 11750026 | 500 | 2600 |

Pediatric Urine Sampling Bag

Key Features:

- Designed for collection and monitoring of urine output
- Suitable for boys and girls
- A small adhesive foam circle for comfort and safety in use
- The scale is approximate and for indication purposes only
- Latex free
- Single use only
- Sterile only



| Code | Capacity(ml) |
|---------|--------------|
| 1170100 | 100 |
| 1170150 | 150 |
| 1170200 | 200 |

Vacuum Urine Collection kit

Key features:

- Screw cap minimizes the risk of leakage and specimen contamination
- Protective sticker covers the cannula protecting the patient and healthcare professional from a needlestick injury
- Plastic tube enhances safety

| Code | Description |
|----------|--|
| 11906016 | Collection cup 60ml and 16mm x 100mm, 10ml plastic tube |
| 11910016 | Collection cup 100ml and 16mm x 100mm, 10ml plastic tube |

| Code | Description |
|----------|----------------------|
| 11906000 | Collection cup 60ml |
| 11910000 | Collection cup 100ml |



Vacuum Urine Collection Straw kit

- It is a transfer device that lets you transfer urine to one or more tubes without being exposed to the specimen.

| Code | Description |
|----------|--|
| 11901016 | Urine Collection Straw and 16mm x 100mm, 10ml plastic tube |

| Code | Description |
|----------|---|
| 11900000 | Urine Collection Straw in bulk, 100 pcs/bag |



Syringes Prefilled with sterile water

Key features:

- Typically used to inflate the catheter balloon of a Foley indwelling catheter
- Measuring facility on pre-filled syringe ensures an accurate application of fluid
- Sterilized inside and out, with easy peel packaging, enabling safe use in sterile areas
- Available with sterile water pre-filled syringe with 10% glycerine, to maintain a higher level of catheter balloon inflation

| Code | Description |
|----------|---------------------------------------|
| 12011000 | 10ml sterile water pre-filled syringe |
| 12013000 | 30ml sterile water pre-filled syringe |

| Code | Description |
|----------|--|
| 12011010 | 10ml sterile water pre-filled syringe with 10% glycerine |



Syringes Prefilled with lubricant jelly

Key features:

- The smooth tip of the syringe makes insertion easier
- The gel is used ideally for catheterization procedures
- Measuring facility on pre-filled syringe ensures an accurate application of fluid
- Sterilized inside and out, with easy peel packaging, enabling safe use in sterile areas

| Code | Description |
|----------|---|
| 12021000 | 10ml lubricant jelly pre-filled syringe |



Lubricant Jelly

Sterile lubricant Jelly is used in endoscopy, gastroscopy, colonoscopy and rectoscopy. It is hypoallergenic, does not irritate skin. It is water soluble and can be cleaned easily with tissues or towel. It spreads easily and adheres well to rubber, metal appliances, instruments and natural or synthetic textiles. It will not harm surgical instruments, rubber, or plastic, and is safe to use on human tissues.



Key Features:

- Water-soluble jelly is ideal for lubrication of all types of indwelling catheters and intermittent catheters
- Spreads easily over rubber, metal appliances, instruments and natural or synthetic textiles to form a transparent lubricating film
- Harmless to human tissue
- Non-irritating, Non-staining, Non-greasy
- Gamma sterilized to meet AAM/ANS/ISO11137 standard
- Adheres well, yet washes away easily

| Code | Description |
|----------|---|
| 31625270 | Lubricating Jelly in Foil Pack, 2.7 g |
| 31625050 | Lubricating Jelly in Foil Pack, 5 g |
| 31626002 | Lubricating Jelly in Flip-Top Tube, 2 oz. |
| 31626004 | Lubricating Jelly in Flip-Top Tube, 4 oz |

Foley Catheter Leg Band

Key Features:

- To provide a comfortable way to secure the catheter in place
- Available with Latex free material
- Fully adjustable Velcro closure
- Soft backing for added skin comfort
- Available with anti-slip and irritation silicone grip
- Available with leg band or waist band
- All types are available with customized size



| Code | Wide(cm) | Length(cm) | Specification | Material |
|----------|----------|------------|--------------------|------------|
| 12030556 | 5 | 56 | With silicone grip | Latex Free |



| Code | Wide(cm) | Length(cm) | Specification | Material |
|----------|----------|------------|--------------------|------------|
| 12035560 | 5.5 | 60 | With silicone grip | Latex Free |



| Code | Wide(cm) | Length(cm) | Specification | Material |
|----------|----------|------------|--------------------|------------|
| 12030860 | 3.8 | 60 | With silicone grip | Latex Free |



| Code | Wide(cm) | Length(cm) | Specification | Material |
|----------|----------|------------|--------------------|------------|
| 12032550 | 2.5 | 50 | With silicone grip | Latex Free |



Foley Catheter Holder

Key Features:

- To provide a comfortable way to secure the catheter in place
- Ideal for short term catheterized patients
- Skin-friendly adhesive base
- One size fits most patients



| Code | Wide(cm) | Length(cm) | Foley Catheter Fit |
|----------|----------|------------|--------------------|
| 12046501 | 6.5 | 10.5 | FR12-FR30 |

Leg Bag Sleeve

Key Features:

- To provide a comfortable, discreet and secure alternative to straps
- Soft, breathable, lightweight fabric ensures a comfortable wear throughout the day
- Machine washable for easy cleaning
- Suitable for patients with a suprapubic or urethral catheter, or a penile sheath
- 4 sizes available to match different request



| Code | Size |
|----------|------|
| 12050001 | S |
| 12050002 | M |
| 12050003 | L |
| 12050004 | XL |

Leg Straps

Key Features:

- 100% Latex free
- Fitting with all types of urine leg bags



| Code | Wide (cm) | Length (cm) | Unit | Lock Way |
|----------|-----------|-------------|------|----------------------------------|
| 12061801 | 1.8 | 48 | Pair | With buttons |
| 12061802 | 1.8 | 50 | Pair | With buttons, with silicone grip |
| 12062301 | 2.3 | 50 | Pair | With Velcro |
| 12062302 | 2.3 | 50 | Pair | With Velcro, with silicone grip |

Smart Catheter Spigot

Key Features:

- The lever tapped valve allows for easy operation by patients with poor manual dexterity
- Can be used to securely close all brands of Foley catheter
- To form a closed system to lower the risk of infection
- Easy to disinfect



| Code | Type |
|----------|-----------|
| 12070002 | Smart one |



| Code | Type |
|----------|------------|
| 12070003 | Smart mini |

Catheter Spigot

Key Features:

- Can be used to securely close the urine catheter
- To form a closed system to lower the risk of infection
- Easy to disinfect



| Code | Type |
|----------|-----------|
| 12070001 | Basic one |



KIDNEY HEALTH

- Drainage Products
- Access Products
- Ligation System
- Resection Products

Double J Ureteral Stent

A double J stent, also called a J-J stent is a thin and flexible plastic tube inserted into the ureter to prevent or treat obstruction of the urine flow from the kidney. It is curled at both ends to avoid damaging the kidney and urinary bladder and to prevent it from dislocating. The stent is placed so that its upper end is in the kidney and its lower end is in the urinary bladder

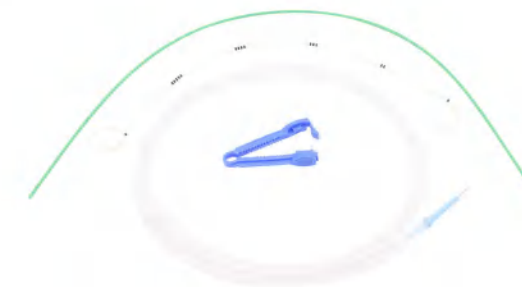


Key Features:

- Made of Polyurethane (PU) for excellent patient comfort and reduced stent encrustation
- Drainage openings in pigtail and shaft
- Graduation marks visualize the stent placement
- Radiopaque for clear visualization
- Length measurement is indicated without including two J tips
- Available with open and closed tip

| Size (Fr/Ch) | Length(cm) | Open-Open Tip | Open-Close Tip |
|--------------|------------|---------------|----------------|
| 4 | 24 | 21000424 | 21010424 |
| 4 | 26 | 21000426 | 21010426 |
| 4.8 | 24 | 21004824 | 21014824 |
| 4.8 | 26 | 21004826 | 21014826 |
| 5 | 24 | 21000524 | 21010524 |
| 5 | 26 | 21000526 | 21010526 |
| 5 | 28 | 21000528 | 21010528 |
| 5 | 30 | 21000530 | 21010530 |
| 6 | 24 | 21000624 | 21010624 |
| 6 | 26 | 21000626 | 21010626 |
| 6 | 28 | 21000628 | 21010628 |
| 6 | 30 | 21000630 | 21010630 |
| 7 | 24 | 21000724 | 21010724 |
| 7 | 26 | 21000726 | 21010726 |
| 7 | 28 | 21000728 | 21010728 |
| 7 | 30 | 21000730 | 21010730 |
| 8 | 24 | 21000824 | 21010824 |
| 8 | 26 | 21000826 | 21010826 |
| 8 | 28 | 21000828 | 21010828 |
| 8 | 30 | 21000830 | 21010830 |

Double J Ureteral Stent Set



Ureteral Stent

- Made of Polyurethane (PU)
- Drainage openings in pigtail and shaft
- Graduation marks visualize the stent placement
- Radiopaque for clear visualization

Pusher

- Length: 45cm

Guide Wire

- Uncoated or PTFE-coated

Clamp

- Only in a set with closed tip

Open-Open Tip

| Size (Fr/Ch) | Length(cm) | Without Guide Wire | With Uncoated Guide Wire | With PTFE Coated Guide Wire | Guide Wire Length(cm) | Guide Wire Diameter | Guide Wire Tip |
|--------------|------------|--------------------|--------------------------|-----------------------------|-----------------------|---------------------|----------------|
| 4 | 24 | 21100424 | 21110424 | 21120424 | 120 | 0.028 | Straight |
| 4 | 26 | 21100426 | 21110426 | 21120426 | 120 | 0.028 | Straight |
| 4.8 | 24 | 21104824 | 21114824 | 21124824 | 120 | 0.028 | Straight |
| 4.8 | 26 | 21104826 | 21114826 | 21124826 | 120 | 0.028 | Straight |
| 5 | 24 | 21100524 | 21110524 | 21120524 | 120 | 0.032 | Straight |
| 5 | 26 | 21100526 | 21110526 | 21120526 | 120 | 0.032 | Straight |
| 5 | 28 | 21100528 | 21110528 | 21120528 | 120 | 0.032 | Straight |
| 5 | 30 | 21100530 | 21110530 | 21120530 | 120 | 0.032 | Straight |
| 6 | 24 | 21100624 | 21110624 | 21120624 | 120 | 0.032 | Straight |
| 6 | 26 | 21100626 | 21110626 | 21120626 | 120 | 0.032 | Straight |
| 6 | 28 | 21100628 | 21110628 | 21120628 | 120 | 0.032 | Straight |
| 6 | 30 | 21100630 | 21110630 | 21120630 | 120 | 0.032 | Straight |
| 7 | 24 | 21100724 | 21110724 | 21120724 | 120 | 0.035 | Straight |
| 7 | 26 | 21100726 | 21110726 | 21120726 | 120 | 0.035 | Straight |
| 7 | 28 | 21100728 | 21110728 | 21120728 | 120 | 0.035 | Straight |
| 7 | 30 | 21100730 | 21110730 | 21120730 | 120 | 0.035 | Straight |
| 8 | 24 | 21100824 | 21110824 | 21120824 | 120 | 0.035 | Straight |
| 8 | 26 | 21100826 | 21110826 | 21120826 | 120 | 0.035 | Straight |
| 8 | 28 | 21100828 | 21110828 | 21120828 | 120 | 0.035 | Straight |
| 8 | 30 | 21100830 | 21110830 | 21120830 | 120 | 0.035 | Straight |

Open-Close Tip

| Size(Fr/Ch) | Length(cm) | Without Guide Wire | With Uncoated Guide Wire | With PTFE Coated Guide Wire | Guide Wire Length(cm) | Guide Wire Diameter | Guide Wire Tip |
|-------------|------------|--------------------|--------------------------|-----------------------------|-----------------------|---------------------|----------------|
| 4 | 24 | 21130424 | 21140424 | 21150424 | 120 | 0.028 | Straight |
| 4 | 26 | 21130426 | 21140426 | 21150426 | 120 | 0.028 | Straight |
| 4.8 | 24 | 21134824 | 21144824 | 21154824 | 120 | 0.028 | Straight |
| 4.8 | 26 | 21134826 | 21144826 | 21154826 | 120 | 0.028 | Straight |
| 5 | 24 | 21130524 | 21140524 | 21150524 | 120 | 0.032 | Straight |
| 5 | 26 | 21130526 | 21140526 | 21150526 | 120 | 0.032 | Straight |
| 5 | 28 | 21130528 | 21140528 | 21150528 | 120 | 0.032 | Straight |
| 5 | 30 | 21130530 | 21140530 | 21150530 | 120 | 0.032 | Straight |
| 6 | 24 | 21130624 | 21140624 | 21150624 | 120 | 0.032 | Straight |
| 6 | 26 | 21130626 | 21140626 | 21150626 | 120 | 0.032 | Straight |
| 6 | 28 | 21130628 | 21140628 | 21150628 | 120 | 0.032 | Straight |
| 6 | 30 | 21130630 | 21140630 | 21150630 | 120 | 0.032 | Straight |
| 7 | 24 | 21130724 | 21140724 | 21150724 | 120 | 0.035 | Straight |
| 7 | 26 | 21130726 | 21140726 | 21150726 | 120 | 0.035 | Straight |
| 7 | 28 | 21130728 | 21140728 | 21150728 | 120 | 0.035 | Straight |
| 7 | 30 | 21130730 | 21140730 | 21150730 | 120 | 0.035 | Straight |
| 8 | 24 | 21130824 | 21140824 | 21150824 | 120 | 0.035 | Straight |
| 8 | 26 | 21130826 | 21140826 | 21150826 | 120 | 0.035 | Straight |
| 8 | 28 | 21130828 | 21140828 | 21150828 | 120 | 0.035 | Straight |
| 8 | 30 | 21130830 | 21140830 | 21150830 | 120 | 0.035 | Straight |

Suprapubic Foley Catheters

The Suprapubic Foley Catheter is a type of indwelling catheter that is inserted through a hole in the tummy (abdomen) and then directly into the bladder. It is used when the urethra is damaged or blocked, or when someone is unable to use an intermittent catheter. Urinary drainage via the suprapubic route is recognized as an effective method of bladder drainage that causes fewer complications compared to urethral catheterization, including a reduced incidence of infection and trauma, a reduced risk of catheter blockage, less patient inconvenience, making it suitable for long-term catheterization.



| Code | Size | Balloon(cc) | Color Code | Length(mm) |
|----------|----------|-------------|------------|------------|
| 21201205 | 12 Ch/Fr | 5 | White | 400 |
| 21201405 | 14 Ch/Fr | 5 | Green | 400 |
| 21201605 | 16 Ch/Fr | 5 | Orange | 400 |
| 21201805 | 18 Ch/Fr | 5 | Red | 400 |
| 21202005 | 20 Ch/Fr | 5 | Yellow | 400 |
| 21202205 | 22 Ch/Fr | 5 | Violet | 400 |

Latex Malecot Catheter

The Latex Malecot catheter has a mushroom-shaped tip at the end to fix the catheter in the bladder. It is typically used to provide drainage following open renal or bladder surgeries. Malecot wings are employed to provide drainage and promote catheter retention.



Key Features:

- One way with funnel end
- Silicone coated latex catheter
- Sterilized

| Code | Size | Length(mm) |
|----------|----------|------------|
| 21301200 | 12 Ch/Fr | 400 |
| 21301400 | 14 Ch/Fr | 400 |
| 21301600 | 16 Ch/Fr | 400 |
| 21301800 | 18 Ch/Fr | 400 |
| 21302000 | 20 Ch/Fr | 400 |
| 21302200 | 22 Ch/Fr | 400 |
| 21302400 | 24 Ch/Fr | 400 |
| 21302600 | 26 Ch/Fr | 400 |
| 21302800 | 28 Ch/Fr | 400 |
| 21303000 | 30 Ch/Fr | 400 |
| 21303200 | 32 Ch/Fr | 400 |
| 21303400 | 34 Ch/Fr | 400 |
| 21303600 | 36 Ch/Fr | 400 |
| 21303800 | 38 Ch/Fr | 400 |
| 21304000 | 40 Ch/Fr | 400 |

Amplatz Extra Stiff Guide Wire



Key Features:

- Designed to facilitate device placement through tortuous anatomy
- PTFE coating reduces friction along the wire
- Increased stiffness of the wire designed to provide stability within the urinary tract without compromising tip flexibility
- Available in Angled tip only

| Code | Size(inch) | Length(cm) | Tip |
|----------|------------|------------|------------|
| 21413506 | 0.035 | 60 | Angled tip |
| 21413508 | 0.035 | 80 | Angled tip |

PTFE Coated Guide Wire



Key Features:

- PTFE coating reduces friction along the wire
- Tapered tip for atraumatic access
- Available in straight or Angled tip

| Size(inch) | Length(cm) | Straight Tip | Angled Tip |
|------------|------------|--------------|------------|
| 0.025 | 150 | 21422515 | 21432515 |
| 0.028 | 150 | 21422815 | 21432815 |
| 0.032 | 150 | 21423215 | 21433215 |
| 0.035 | 150 | 21423515 | 21433515 |

Cross Guide Wire



Key Features:

- Tapered tip for atraumatic access
- PTFE sheath reduces friction along the wire
- Designed with Nitinol core wire with blue & white sleeve for excellent visualization under X-ray
- Available in straight or Angled tip

| Size(inch) | Length(cm) | Straight Tip | Angled Tip |
|------------|------------|--------------|------------|
| 0.025 | 150 | 21442515 | 21452515 |
| 0.028 | 150 | 21442815 | 21452815 |
| 0.032 | 150 | 21443215 | 21453215 |
| 0.035 | 150 | 21443515 | 21453515 |

Hydrophilic Guide Wire



Key Features:

- Hydrophilic coating for easier access, creating a low friction surface which reduces trauma
- Tapered tip for atraumatic access, and to facilitate access past obstructions
- Nitinol core wire which allows maximum deflection without kinking
- Available in straight or Angled tip

| Size(inch) | Length(cm) | Straight Tip | Angled Tip |
|------------|------------|--------------|------------|
| 0.025 | 150 | 21462515 | 21472515 |
| 0.028 | 150 | 21462815 | 21472815 |
| 0.032 | 150 | 21463215 | 21473215 |
| 0.035 | 150 | 21463515 | 21473515 |

HydroCross Guide Wire



Key Features:

- Hydrophilic flexible tip for easier access, creating a low friction surface which reduces trauma
- Nitinol core wire with blue & white sleeve for excellent visualization under X-ray
- Excellent stiffness of shaft provides good control and safe access
- Tapered tip for atraumatic access, and to facilitate access past obstructions
- PTFE sheath reduces friction along the wire
- Available in straight or Angled tip

| Size(inch) | Length(cm) | Straight Tip | Angled Tip |
|------------|------------|--------------|------------|
| 0.028 | 150 | 21482815 | 21492815 |
| 0.032 | 150 | 21483215 | 21493215 |
| 0.035 | 150 | 21483515 | 21493515 |

IP Needle

It is designed to make the initial percutaneous puncture to access the kidney and to enable the introduction of a guidewire during urological procedures (PCN, PCNL, Mini PERC & Micro PERC).



Key Features:

- Two parts types
- Graduation marks on the shaft for visualization
- Available with bevel tip and diamond tip
- Sharp tip, painless

| Code | Size | Length(cm) |
|----------|------|------------|
| 21501620 | 16Fr | 20 |
| 21501624 | 16Fr | 24 |
| 21501820 | 18Fr | 20 |
| 21501824 | 18Fr | 24 |

Ureteral Catheter

Ureteral catheters can be used for a number of functions, such as maintaining drainage, infusion of contrast media, ureteral dilation and atraumatic access.

Key Features:

- Flexible and smooth shaft for greater patient comfort
- Color-coded mark for ureteral identification, Red-right, Black-left
- Single use product for convenience and assured sterility
- All catheters are radiopaque, graduated and packaged sterile
- Equipped with medical stainless guidewire of 0.4 inch
- Available with connector for infusion of contract media



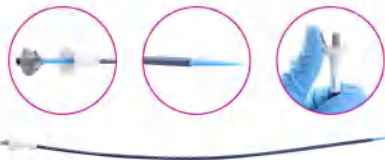
| Size | Length(cm) | Catheter Only | With Connector |
|------|------------|---------------|----------------|
| 3Fr | 70 | 21600370 | 21610370 |
| 4Fr | 70 | 21600470 | 21610470 |
| 5Fr | 70 | 21600570 | 21610570 |
| 6Fr | 70 | 21600670 | 21610670 |
| 7Fr | 70 | 21600770 | 21610770 |
| 8Fr | 70 | 21600870 | 21610870 |

Ureteral Access Sheath

Ureteral access sheath is used to be introduced in to ureter to function as a dilator and to establish a conduit to facilitate scope manipulation and repeated passage during ureteroscopy. It is also designed to protect the ureter during repeated device exchanges during ureteroscopy.

Key Features:

- Reinforced with spiral coil, designed to provide stability and strength through tortuous ureters
- Hydrophilic coating external sheath and dilator tip for ease of insertion
- Dual tapered dilator tip designed for atraumatic passage



| Code | Size | Length(cm) | Patient Group |
|----------|----------|------------|---------------|
| 21701036 | 10/12 Fr | 36cm | Female |
| 21701136 | 11/13 Fr | 36cm | Female |
| 21701236 | 12/14 Fr | 36cm | Female |
| 21701336 | 13/15 Fr | 36cm | Female |
| 21701046 | 10/12 Fr | 46cm | Male |
| 21701146 | 11/13 Fr | 46cm | Male |
| 21701246 | 12/14 Fr | 46cm | Male |
| 21701346 | 13/15 Fr | 46cm | Male |

The Ligation System

The titanium ligation systems are designed with four different sizes, small, medium, medium-large and large to meet the tissue occlusion and closure needs in both open and laparoscopic surgeries. The clips are made of implantable grade titanium materials to ensure long term patient safety for the tissue hemostatic closure. A wide range of ergonomically designed clip applicators are designed with color coding systems, match with colors of the cartridges, for easy identification and convenience in use.

The high-quality medical grade stainless steel are used on reusable open surgery and endoscopic surgery applicators to ensure the durability in the operating room and in the CSSD.



Titanium Ligation-Clip

Key Features:

- Reliable vessel occlusion
- A diamond-shaped inner clip profile provides an enlarged contact surface
- Implantable grade titanium materials ensure the patient safety
- A variety of four sizes, meet the closure needs of different anatomic structures



| Code | Size | Color Code |
|----------|--------------|------------|
| 25010000 | Small | Blue |
| 25020000 | Medium | White |
| 25030000 | Medium large | Green |
| 25040000 | Large | Yellow |

Ligation-Clip Applicators

Key Features:

- Made of stainless steel
- Narrow, delicate instrument tips enable an improved overview
- Color coding simplifies the identification of suitable clip applicators and cartridges



| Code | Size | Color Code | Clip Code |
|----------|--------------|------------|-----------|
| 26010000 | Small | Blue | 25010000 |
| 26020000 | Medium | White | 25020000 |
| 26030000 | Medium large | Green | 25030000 |
| 26040000 | Large | Yellow | 25040000 |

Biopsy Gun

Cathwide Biopsy Gun is a disposable biopsy needle for biopsies from soft tissue such as prostate, kidney, liver, spleen lymph nodes and various soft tissue tumors. It is not appropriate for bone biopsies. It is designed for automatic capturing of high-quality tissue sample with minimum trauma to patient.

Semi-Automatic Biopsy Gun



Key Features:

- Light-weight design
- Excellent ultrasound visibility of the stylet needle and cutting cannula needle
- Centimeter reference markers for penetration depth check
- Cannula is removable
- Puncture depth available with 10mm and 18mm
- Available with complete kit

| Code | Needle Gauge | Needle Length(cm) |
|----------|--------------|-------------------|
| 21801410 | 14G | 10 |
| 21801415 | 14G | 15 |
| 21801420 | 14G | 20 |
| 21801610 | 16G | 10 |
| 21801615 | 16G | 15 |
| 21801620 | 16G | 20 |
| 21801810 | 18G | 10 |
| 21801815 | 18G | 15 |
| 21801820 | 18G | 20 |
| 21802010 | 20G | 10 |
| 21802015 | 20G | 15 |

Fully-Automatic Biopsy Gun



Key Features:

- Light-weight design and easily operate
- Automatic and accurate sampling
- Loading indicator
- Excellent ultrasound visibility of the stylet needle and cutting cannula needle
- Puncture depth available with 10mm and 18mm
- One bottom for sampling collection

| Code | Needle Gauge | Needle Length(cm) |
|----------|--------------|-------------------|
| 21901410 | 14G | 10 |
| 21901415 | 14G | 15 |
| 21901420 | 14G | 20 |
| 21901610 | 16G | 10 |
| 21901615 | 16G | 15 |
| 21901620 | 16G | 20 |
| 21901810 | 18G | 10 |
| 21901815 | 18G | 15 |
| 21901820 | 18G | 20 |
| 21902010 | 20G | 10 |
| 21902015 | 20G | 15 |
| 21902020 | 20G | 20 |



AIRWAY MANAGEMENT

- Laryngeal Mask Airways
 - Endotracheal Tubes
- One Lung Ventilation Device
 - Simple Airway Adjuncts
 - Tracheostomy
 - Intubation Aids
 - Accessories

Laryngeal Mask Airways

A Laryngeal Mask Airway, also known as Laryngeal Mask, is a medical device which is inserted into the oropharynx to maintain an open airway during anesthesia or unconsciousness. It is a type of supraglottic airway device, which means that it stays above the vocal cords and does not enter the trachea.

Cathwidge offers a full range of laryngeal mask, and we have the following common benefits.

Anatomically Designed Cuff

The classic cuff shape provides the best seal, comfort and reliability for ventilation.



Printed Info On The Main Tube

Guidance for appropriate air volume and size is printed on the main tube for quick reference.



Reliable Valve

The reliable and high-quality pilot valve ensures the continual cuff integrity. MRI compatibility is available.



Color Coded Pilot Balloon

Standard for all silicone laryngeal mask



Color Coded Valve Protector

Standard for all PVC laryngeal mask

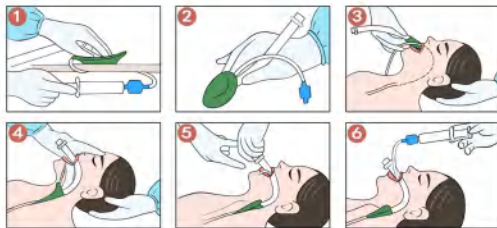


Color Coded 15mm Connector

Special choose to vary your marketing way

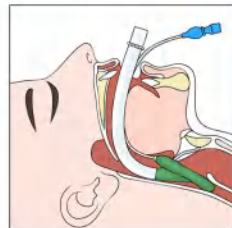
Instructions For Use Label

The instructions for use label are clearly shown on the pack in both text and diagrammatic form.



Laryngeal Mask In Position

The diagram shows the laryngeal mask in position after intubation.



Reusable Silicone Laryngeal Mask

Key Features:

- Made of 100% medical grade silicone
- Autoclavable
- Used up to a recommended 40 times



| Code | Size | Color Code | Patient Weight | Maximum Cuff Volume |
|----------|------|------------|----------------|---------------------|
| 32811000 | 1 | Purple | <5kg | 4ml |
| 32811500 | 1.5 | Orange | 5-10kg | 7ml |
| 32812000 | 2 | Blue | 10-20kg | 10ml |
| 32812500 | 2.5 | White | 20-30kg | 14ml |
| 32813000 | 3 | Green | 30-50kg | 20ml |
| 32814000 | 4 | Yellow | 50-70kg | 30ml |
| 32815000 | 5 | Red | 70-100kg | 40ml |

Disposable Silicone Laryngeal Mask

Key Features:

- Medical grade silicone
- Single-use only
- Cost saving
- Infection prevention



| Code | Size | Color Code | Patient Weight | Maximum Cuff Volume |
|----------|------|------------|----------------|---------------------|
| 32821000 | 1 | Purple | <5kg | 4ml |
| 32821500 | 1.5 | Orange | 5-10kg | 7ml |
| 32822000 | 2 | Blue | 10-20kg | 10ml |
| 32822500 | 2.5 | White | 20-30kg | 14ml |
| 32823000 | 3 | Green | 30-50kg | 20ml |
| 32824000 | 4 | Yellow | 50-70kg | 30ml |
| 32825000 | 5 | Red | 70-100kg | 40ml |

Disposable PVC Laryngeal Mask

Key Features:

- 100% medical grade PVC
- Single-use only
- Cost saving
- Infection prevention



| Code | Size | Color Code | Patient Weight | Maximum Cuff Volume |
|----------|------|------------|----------------|---------------------|
| 32831000 | 1 | Pink | <5kg | 4ml |
| 32831500 | 1.5 | Blue | 5-10kg | 7ml |
| 32832000 | 2 | Black | 10-20kg | 10ml |
| 32832500 | 2.5 | White | 20-30kg | 14ml |
| 32833000 | 3 | Green | 30-50kg | 20ml |
| 32834000 | 4 | Yellow | 50-70kg | 30ml |
| 32835000 | 5 | Red | 70-100kg | 40ml |

The flexible laryngeal mask device is ideally designed to use in oral, ophthalmic and head and neck surgeries, as it does not interfere with the surgery field, and is resistant to kinking and compression as compared with classic laryngeal mask device. Cathwide now is offering two types of laryngeal mask in this range, which is PVC made and silicone made.

Flexible Silicone Laryngeal Mask

Key Features:

- Medical grade silicone
- Single-use only
- Cost saving
- Infection prevention
- Wire-reinforced main tube



| Code | Size | Color Code | Patient Weight | Maximum Cuff Volume |
|----------|------|------------|----------------|---------------------|
| 32841000 | 1 | Purple | <5kg | 4ml |
| 32841500 | 1.5 | Orange | 5-10kg | 7ml |
| 32842000 | 2 | Blue | 10-20kg | 10ml |
| 32842500 | 2.5 | White | 20-30kg | 14ml |
| 32843000 | 3 | Green | 30-50kg | 20ml |
| 32844000 | 4 | Yellow | 50-70kg | 30ml |
| 32845000 | 5 | Red | 70-100kg | 40ml |

Flexible PVC Laryngeal Mask

Key Features:

- Medical grade PVC
- Single-use only
- Cost saving
- Infection prevention
- Wire-reinforced main tube



| Code | Size | Color Code | Patient Weight | Maximum Cuff Volume |
|----------|------|------------|----------------|---------------------|
| 32851000 | 1 | Pink | <5kg | 4ml |
| 32851500 | 1.5 | Blue | 5-10kg | 7ml |
| 32852000 | 2 | Black | 10-20kg | 10ml |
| 32852500 | 2.5 | White | 20-30kg | 14ml |
| 32853000 | 3 | Green | 30-50kg | 20ml |
| 32854000 | 4 | Yellow | 50-70kg | 30ml |
| 32855000 | 5 | Red | 70-100kg | 40ml |

Endotracheal Tubes

An Endotracheal Tube is a medical device inserted into the patient's trachea through the mouth or nose to maintain an open airway. Cathwide feature a comprehensive range of both cuffed and uncuffed endotracheal tube to meet different application. Here are all details about an endotracheal tube.

Tips Type

Smooth Tip

The smoothly formed tip is standard for all Cathwide endotracheal tube to reduce the trauma to trachea during intubation.



Bull-nose Tip

The soft bull-nose tip is gently rounded and curved to help ensure a smooth, atraumatic intubation.



Eyes

Murphy Eye

The smooth Murphy Eye is standard for all Cathwide endotracheal tube that can ensure adequate ventilation even if the tip of tube is blocked.



Magil Type (No eyes)

The original Magil type is also available, which could help to reduce the trauma to trachea during intubation.



Air-filled Cuff

High Volume Low Pressure Cuff

The column shaped cuff provides good seal without excess pressure on the wall of the trachea, and it is standard for all Cathwide endotracheal tube.



Low Profile Cuff

The olive shaped cuff provides good seal and reduces friction during intubation. It is highly recommended for short-term intubation.



Main Tubes

Flexible Main Tube

The transparent main tube is made of medical grade PVC, and it provides strong tube wall to ensure safe ventilation.



Wire-reinforced

The wire-reinforced endotracheal tube come with the tube with embedded wire coils to provide safe, non-kinking airway regardless of patient position



With Malleable Stylet

The preloaded stylet fits inside the endotracheal tube and allows the manipulation of the tube shape, to help providers to quickly intubate during emergency situations.



Radio-Opaque Line

Blue Line

The blue line is standard for all Cathwide endotracheal tube to identify the tube tip position on X-ray.



White Line

The white line is uncommon in the market, to make your products a bit different from others.



Pilot Balloon

Reliable Pilot Balloon

It is standard for all cuffed type endotracheal tube for easy monitoring purpose



15mm Connector

15mm Connector

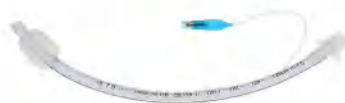
The universal 15mm connector provides safe connection with all airway equipment.



Oral/Nasal Endotracheal Tube Cuffed

Key Features:

- The most basic type among the tracheal tube range
- The standard tip with Murphy eyes
- High volume low pressure (the column shaped) cuff
- X-ray line over through the whole tube
- Available with low profile (the olive shaped) cuff
- Available with preloaded malleable stylet



| | Size ID (mm) | Code | Code With Preloaded Stylet |
|-----------|--------------|----------|----------------------------|
| Pediatric | 3 | 32603010 | 32603012 |
| | 3.5 | 32603510 | 32603512 |
| | 4 | 32604010 | 32604012 |
| | 4.5 | 32604510 | 32604512 |
| | 5 | 32605010 | 32605012 |
| | 5.5 | 32605510 | 32605512 |
| Adult | 6 | 32606010 | 32606012 |
| | 6.5 | 32606510 | 32606512 |
| | 7 | 32607010 | 32607012 |
| | 7.5 | 32607510 | 32607512 |
| | 8 | 32608010 | 32608012 |
| | 8.5 | 32608510 | 32608512 |
| | 9 | 32609010 | 32609012 |
| | 9.5 | 32609510 | 32609512 |
| | 10 | 32601010 | 32601012 |

Oral/Nasal Endotracheal Tube Uncuffed

Key Features:

- The standard tip with Murphy eyes
- X-ray line over through the whole tube
- Available with preloaded malleable stylet



| | Size ID (mm) | Code | Code With Preloaded Stylet |
|-----------|--------------|----------|----------------------------|
| Pediatric | 2 | 32602020 | 32602021 |
| | 2.5 | 32602520 | 32602521 |
| | 3 | 32603020 | 32603021 |
| | 3.5 | 32603520 | 32603521 |
| | 4 | 32604020 | 32604021 |
| | 4.5 | 32604520 | 32604521 |
| Adult | 5 | 32605020 | 32605021 |
| | 5.5 | 32605520 | 32605521 |
| | 6 | 32606020 | 32606021 |
| | 6.5 | 32606520 | 32606521 |
| | 7 | 32607020 | 32607021 |
| | 7.5 | 32607520 | 32607521 |
| | 8 | 32608020 | 32608021 |
| | 8.5 | 32608520 | 32608521 |
| | 9 | 32609020 | 32609021 |

Oral Preformed Endotracheal Tube Cuffed/Uncuffed

Key Features:

- Oral RAE tube, also known as 'South-facing'
- Anatomically shaped with oral intubation
- Made of PVC with high-volume, low-pressure cuff
- Improved access to the operative field
- Ideally used for the surgery like ophthalmology, ENT or facial surgery



| | Size ID (mm) | Code Cuffed | Code Uncuffed |
|-----------|--------------|-------------|---------------|
| Pediatric | 3 | 32503010 | 32503020 |
| | 3.5 | 32503510 | 32503520 |
| | 4 | 32504010 | 32504020 |
| | 4.5 | 32504510 | 32504520 |
| | 5 | 32505010 | 32505020 |
| | 5.5 | 32505510 | 32505520 |
| Adult | 6 | 32506010 | 32506020 |
| | 6.5 | 32506510 | 32506520 |
| | 7 | 32507010 | 32507020 |
| | 7.5 | 32507510 | 32507520 |
| | 8 | 32508010 | 32508020 |
| | 8.5 | 32508510 | 32508520 |
| | 9 | 32509010 | 32509020 |

Nasal Preformed Endotracheal Tube Cuffed/Uncuffed

Key Features:

- Nasal RAE tube, also known as 'North-facing'
- Anatomically shaped with nasal intubation
- Made of PVC with high-volume, low-pressure cuff
- Improved access to the operative field
- Ideally used for the oral surgery



| | Size ID (mm) | Code Cuffed | Code Uncuffed |
|-----------|--------------|-------------|---------------|
| Pediatric | 3 | 32403010 | 32403020 |
| | 3.5 | 32403510 | 32403520 |
| | 4 | 32404010 | 32404020 |
| | 4.5 | 32404510 | 32404520 |
| | 5 | 32405010 | 32405020 |
| | 5.5 | 32405510 | 32405520 |
| Adult | 6 | 32406010 | 32406020 |
| | 6.5 | 32406510 | 32406520 |
| | 7 | 32407010 | 32407020 |
| | 7.5 | 32407510 | 32407520 |
| | 8 | 32408010 | 32408020 |

Oral/Nasal Endotracheal Tube Cuffed, Reinforced

Key Features:

- The wire-reinforced endotracheal tube with embedded wire coils to provide safe, non-kinking airway regardless of patient position
- Made of PVC with high-volume, low-pressure cuff
- X-ray line over through the whole tube
- Available with preloaded malleable stylet
- A bite block or guedel airway is recommended when using reinforced endotracheal tubes



| | Size ID (mm) | Code | Code with Preloaded Stylet |
|-----------|--------------|----------|----------------------------|
| Pediatric | 3 | 32303010 | 32303011 |
| | 3.5 | 32303510 | 32303511 |
| | 4 | 32304010 | 32304011 |
| | 4.5 | 32304510 | 32304511 |
| | 5 | 32305010 | 32305011 |
| | 5.5 | 32305510 | 32305511 |
| Adult | 6 | 32306010 | 32306011 |
| | 6.5 | 32306510 | 32306511 |
| | 7 | 32307010 | 32307011 |
| | 7.5 | 32307510 | 32307511 |
| | 8 | 32308010 | 32308011 |
| | 8.5 | 32308510 | 32308511 |
| | 9 | 32309010 | 32309011 |

Oral/Nasal Endotracheal Tube Uncuffed, Reinforced

Key Features:

- The wire-reinforced endotracheal tube with embedded wire coils to provide safe, non-kinking airway regardless of patient position
- X-ray line over through the whole tube
- Available with preloaded malleable stylet
- A bite block or guedel airway is recommended when using reinforced endotracheal tubes;



| | Size ID (mm) | Code | Code with Preloaded Stylet |
|-----------|--------------|----------|----------------------------|
| Pediatric | 3 | 32303020 | 32303021 |
| | 3.5 | 32303520 | 32303521 |
| | 4 | 32304020 | 32304021 |
| | 4.5 | 32304520 | 32304521 |
| | 5 | 32305020 | 32305021 |
| | 5.5 | 32305520 | 32305521 |
| Adult | 6 | 32306020 | 32306021 |
| | 6.5 | 32306520 | 32306521 |
| | 7 | 32307020 | 32307021 |
| | 7.5 | 32307520 | 32307521 |
| | 8 | 32308020 | 32308021 |
| | 8.5 | 32308520 | 32308521 |
| | 9 | 32309020 | 32309021 |

Endotracheal Tube With Suction Lumen

Ventilator-associated pneumonia (VAP) is a type of lung infection that commonly occurs in people who are on mechanical ventilation more than 48 hours after intubation and initiation of mechanical ventilation; VAP increases the time of hospitalization and consequently increases the cost for patient. Furthermore, high morbidity and mortality rates of VAP patients have already been reported in several investigations. The VAP prevention and reduction is always a big challenge to the clinicians in ICU. To remove the oral/gastric secretions from above the endotracheal tube cuff is one of the most efficient and effective solution to prevent VAP, and Cathwide Endotracheal tube with suction lumen is ideally designed for this drainage purpose.



Key Features:

- The additional suction port is designed above the cuff, and it is connected with a very thin channel inside the endotracheal tube
- X-ray line over through the whole tube
- Made of PVC with high-volume, low-pressure cuff
- Suitable for oral intubation
- Available with preloaded malleable stylet
- Available with depth mark, to ensure the safe tube position

| | Size ID (mm) | Code | Code With Preloaded Stylet |
|-------|--------------|----------|----------------------------|
| Adult | 6 | 32206010 | 32206011 |
| | 6.5 | 32206510 | 32206511 |
| | 7 | 32207010 | 32207011 |
| | 7.5 | 32207510 | 32207511 |
| | 8 | 32208010 | 32208011 |
| | 8.5 | 32208510 | 32208511 |
| | 9 | 32209010 | 32209011 |

One Lung Ventilation Device

One lung ventilation (OLV) refers to mechanical separation of the two lungs to allow ventilation of only one lung, while the other lung is compressed by the surgeon or allowed to passively deflate. OLV is a standard approach to facilitate surgical exposure for pulmonary and other thoracic surgeries, or may be used to isolate a pathologic from a healthy lung to prevent soiling or to allow differential ventilation.

To achieve OLV, endobronchial tube, also known as Double-Lumen Endobronchial Tube, and endobronchial tube blocker can be inserted as airway device, and they are both available from Cathwide.

Endobronchial Blocker Tube

Key Features:

- Placement through a conventional single-lumen endotracheal tube to achieve one-lung-ventilation;
- An ideal option for one-lung-ventilation in patients with difficult airways or pediatric patients or those who will remain intubated postoperatively
- The low - pressure, high - volume balloon creates large surface contact with the inner bronchial wall while minimizing potential trauma to the bronchus
- Universal endotracheal tube connector secures connection with various types of endotracheal tubes, as well as tracheostomy tubes and laryngeal masks



| Size | Code |
|------|----------|
| Fr5 | 32000500 |
| Fr7 | 32000700 |
| Fr9 | 32000900 |

Endobronchial Tube

Key Features:

- Available with left and right orientation for selective one-lung-ventilation
- X-ray line over through the whole tube
- Graduated depth mark
- Double swivel connections with double caps
- Come with suction catheter and preloaded malleable stylet;



| Size | Code | |
|------|------------|-------------|
| | Left-sided | Right-sided |
| Fr28 | 32102801 | 32102802 |
| Fr32 | 32103201 | 32103202 |
| Fr35 | 32103501 | 32103502 |
| Fr37 | 32103701 | 32103702 |
| Fr39 | 32103901 | 32103902 |
| Fr41 | 32104101 | 32104102 |

Simple Airway Adjuncts

Simple airway adjuncts are used to increase the success of simple airway maneuvers, which aim to create and maintain airway patency, allowing spontaneous respiration or facilitating bag-mask ventilation. They basically work by stenting open the obstruction in the upper airway which occurs with a reduced level of consciousness, unconsciousness and general anesthesia, when the base of the tongue falls backwards against the posterior pharyngeal wall in the supine patient. Our range consist of three groups of devices, nasopharyngeal airways, Guedel airways and Berman airways.

Nasopharyngeal Airways

Key Features:

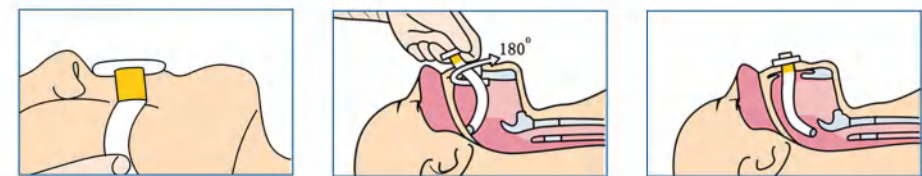
- Ideal when the oral passage is not accessible
- Allow for nasotracheal suctioning
- Made of soft PVC to provide better patient comfort
- Trumpet design for secure placement
- The rounded beveled tip reduces the risk of trauma to the nasal passage during insertion
- Clear main tube provides visual confirmation before insertion



| Code Green | Code Blue | Size ID (mm) | Length (mm) |
|------------|-----------|--------------|-------------|
| 31203000 | 31203010 | 3 | 72 |
| 31203500 | 31203510 | 3.5 | 85 |
| 31204000 | 31204010 | 4 | 105 |
| 31204500 | 31204510 | 4.5 | 110 |
| 31205000 | 31205010 | 5 | 115 |
| 31205500 | 31205510 | 5.5 | 125 |
| 31206000 | 31206010 | 6 | 135 |
| 31206500 | 31206510 | 6.5 | 145 |
| 31207000 | 31207010 | 7 | 150 |
| 31207500 | 31207510 | 7.5 | 160 |
| 31208000 | 31208010 | 8 | 175 |
| 31208500 | 31208510 | 8.5 | 185 |
| 31209000 | 31209010 | 9 | 190 |

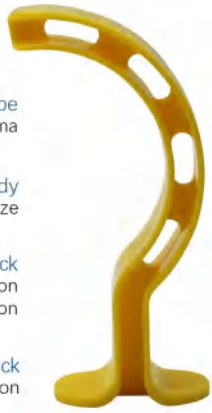
Guedel Airways

- Anatomically designed shape
For easy insertion and less trauma
- Smooth and rounded edges
To reduce trauma and tissue damage
- Available with all-in-one pack
Great for the case of resuscitation or difficult intubation
- Sterilized individual pack
To reduce the risk of cross infection
- Bite block with color coding
For easy identification of the required size
- Integrated and reinforced bite block
To ensure the safe ventilation
- Nine color-coded sizes
To meet all patient requirements



| Code | Size | Length | Color Code |
|----------|----------------|--------|------------|
| 31004000 | 000 | 40mm | Pink |
| 31005000 | 00 | 50mm | Blue |
| 31006000 | 0 | 60mm | Black |
| 31007000 | 1 | 70mm | White |
| 31008000 | 2 | 80mm | Green |
| 31009000 | 3 | 90mm | Yellow |
| 31010000 | 4 | 100mm | Red |
| 31011000 | 5 | 110mm | Light blue |
| 31012000 | 6 | 120mm | Orange |
| 31000000 | Full Size Pack | | |

Berman Airways



Anatomically designed shape
For easy insertion and less trauma

Color coding body
For easy identification of the required size

Available with all-in-one pack
Great for the case of resuscitation or difficult intubation

Sterilized individual pack
To reduce the risk of cross infection

Side channels
Enable the use of suction catheters without obstructing the airway, allowing for additional air flow

Integrated bite block
To ensure the safe ventilation

Eight color-coded sizes
To meet all patient requirements



| Code | Size | Length | Color Code |
|----------|----------------|--------|------------|
| 31104000 | 000 | 40mm | Pink |
| 31105000 | 00 | 50mm | Blue |
| 31106000 | 0 | 60mm | Black |
| 31107000 | 1 | 70mm | White |
| 31108000 | 2 | 80mm | Green |
| 31109000 | 3 | 90mm | Yellow |
| 31110000 | 4 | 100mm | Purple |
| 31111000 | 5 | 110mm | Orange |
| 31100000 | Full Size Pack | | |

Tracheostomy

A tracheostomy is a medical procedure — either temporary or permanent — that creates a surgical airway in the cervical trachea. It will usually be planned in advance and carried out in hospital. But sometimes it may need to be done in an emergency outside of hospital, such as at the scene of an accident. The device which is placed into the cervical trachea for air delivery is tracheostomy tube, and it is available with cuffed and uncuffed type

Tracheostomy Tube Cuffed

Key Features:



- Made of soft PVC for patient comfort
- High-volume low-pressure balloon
- Radiopaque strip embedded for exact location of tube
- The rounded obturator's tip assists with insertion and helps minimize trauma to the tracheal wall
- The neck band is standard for all tubes

| Code | Size ID (mm) |
|----------|--------------|
| 31302000 | 2 |
| 31302500 | 2.5 |
| 31303000 | 3 |
| 31303500 | 3.5 |
| 31304000 | 4 |
| 31304500 | 4.5 |
| 31305000 | 5 |
| 31305500 | 5.5 |
| 31306000 | 6 |
| 31306500 | 6.5 |
| 31307000 | 7 |
| 31307500 | 7.5 |
| 31308000 | 8 |
| 31308500 | 8.5 |
| 31309000 | 9 |

Tracheostomy Tube Uncuffed

Key Features:



- Made of soft PVC for patient comfort;
- Radiopaque strip embedded for exact location of tube
- The rounded obturator's tip assists with insertion and helps minimize trauma to the tracheal wall
- The neck band is standard for all tubes

| Code | Size ID (mm) |
|----------|--------------|
| 31302001 | 2 |
| 31302501 | 2.5 |
| 31303001 | 3 |
| 31303501 | 3.5 |
| 31304001 | 4 |
| 31304501 | 4.5 |
| 31305001 | 5 |
| 31305501 | 5.5 |
| 31306001 | 6 |
| 31306501 | 6.5 |
| 31307001 | 7 |
| 31307501 | 7.5 |
| 31308001 | 8 |
| 31308501 | 8.5 |
| 31309001 | 9 |

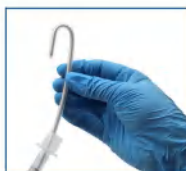
Intubation Aids

Up to 3% of surgical patients have a so-called difficult airway, making laryngoscopic intubation problematic and sometimes impossible. There are devices, Endotracheal tube introducer, also known as Bougie, and stylet which have been proved to be effective and safe that will assist with the placement and operation of airway tubing. Cathwide carries the wide range of disposable Bougies and Stylets.

Intubating Stylet

Key Features:

- Made of malleable aluminum to allow the user to easily form suitable shapes
- Coated in plastic for smooth insertion and withdraw
- The distal end is atraumatic and rounded



| Code | Size | OD (mm) |
|----------|------|---------|
| 31400620 | Fr6 | 2 |
| 31401033 | Fr10 | 3.3 |
| 31401447 | Fr14 | 4.7 |

Tracheal Tube Introducer (Bougie)

Key Features:

- Made of polyethylene material that provides the proper stiffness to allow for ease of insertion
- Especially useful in the placement of endotracheal tube in difficult airway situations
- The design of the distal tip is atraumatic and rounded that available with angled coude tip and straight tip
- Graduation marks
- Low friction surface
- Available with hollow type and solid type
- Available with o2 connector
- Available with compact pack for emergency bags



| Size | Length (cm) | Hollow Type w/o Oxygen Connector | | Hollow Type With Oxygen Connector | | Solid Type w/o Oxygen Connector | |
|------|-------------|----------------------------------|-----------|-----------------------------------|-----------|---------------------------------|-----------|
| | | Straight Tip | Coude Tip | Straight Tip | Coude Tip | Straight Tip | Coude Tip |
| Fr6 | 53.5 | 31506101 | 31506201 | 31506102 | 31506202 | 31506103 | 31506203 |
| Fr10 | 70 | 31510101 | 31510201 | 31510102 | 31510202 | 31510103 | 31510203 |
| Fr10 | 80 | 31510111 | 31510211 | 31510112 | 31510212 | 31510113 | 31510213 |
| Fr14 | 70 | 31514101 | 31514201 | 31514102 | 31514202 | 31514103 | 31514203 |
| Fr14 | 80 | 31514111 | 31514211 | 31514112 | 31514212 | 31514113 | 31514213 |
| Fr15 | 70 | 31515101 | 31515201 | 31515102 | 31515202 | 31515103 | 31515203 |
| Fr15 | 80 | 31515111 | 31515211 | 31515112 | 31515212 | 31515113 | 31515213 |

Lubricating Jelly

Key Features:

- Water-soluble jelly is ideal for lubrication of supraglottic airways, endotracheal tubes and naso/oropharyngeal airways
- Spreads easily over rubber, metal appliances, instruments and natural or synthetic textiles to form a transparent lubricating film
- Harmless to human tissue
- Non-irritating, Non-staining, Non-greasy
- Gamma sterilized to meet AAM/ANS/ISO11137 standard
- Adheres well, yet washes away easily

| Code | Description |
|----------|---|
| 31625270 | Lubricating Jelly in Foil Pack, 2.7 g |
| 31625050 | Lubricating Jelly in Foil Pack, 5 g |
| 31626002 | Lubricating Jelly in Flip-Top Tube, 2 oz. |
| 31626004 | Lubricating Jelly in Flip-Top Tube, 4 oz |



Endotracheal Tube Holder

Key Features:

- Designed to secure the ET tube in place after insertion in the tracheal
- Comfortable form padded backing
- Integrated bite block
- Allow in-use suction of the oropharynx
- Available with the type which is applicable with laryngeal mask fixation
- Available with strap inducer for easy application around head

| Code | Description | Application |
|----------|--------------------------|------------------------------------|
| 31600100 | Endotracheal tube holder | Endotracheal tube size 5.0mm-8.0mm |



| Code | Description | Application |
|----------|-------------------------------|--|
| 31600200 | Endotracheal tube holder Plus | Endotracheal tube size 5.0mm-10.0mm, Full size of Laryngeal mask |



| Code | Description | Application |
|----------|---|--|
| 31600300 | Endotracheal tube holder with strap inducer | Endotracheal tube size 5.0mm-10.0mm, Full size of Laryngeal mask |



Tracheostomy Tube Holder

Key Features:

- Designed to minimize movement of the tracheostomy tube reducing accidental decannulation
- Hook-and-loop closures provide secured positioning
- Adjustable two-piece neckband for convenient sizing for different patient group
- Available with non-adjustable one-piece neckband

| Code | Description |
|----------|----------------------------------|
| 31700100 | Adjustable, 2-Piece, Blue, Adult |
| 31700200 | Adjustable, 2-Piece, Blue, Child |



| Code | Description |
|----------|----------------------------|
| 31700300 | Adjustable, 2-Piece, Adult |
| 31700400 | Adjustable, 2-Piece, Child |



| Code | Description |
|----------|--------------------------------|
| 31700500 | Non-Adjustable, 1-Piece, Adult |
| 31700600 | Non-Adjustable, 1-Piece, Child |





ANESTHESIA

- Adult 22mm Anesthetic Systems
- Pediatric 15mm Anesthetic Systems
 - Coaxial Circuits
 - Catheter Mounts
 - Filters and HMEs
 - Device Filtration
- Anesthetic Face Mask
 - Accessories

Anesthetic Breathing Systems



Anesthetic Breathing System is an assembly of components which connects patient's airway to anesthesia machine through which controlled composition of gas mixture is dispensed. It delivers oxygen and anesthetic gases to patients, eliminates carbon dioxide and controls the temperature and humidity of the inspired mixture. As the circuit interface directly with the patients, the integrity of your entire anesthesia or ventilation system depends on them, and the reliable, convenient and safe circuits are essential.

Cathwide has a wide range of anesthetic breathing systems in different lengths, configurations and tube types for your clinical requirements. All our circuits have the following common benefits.

Easy to manage

The patient end connector complies with the ISO standard which allows for ease of fitting to ETT tubes, Laryngeal masks, Catheter Mounts, Face masks or Elbows.

Kink resistant

The air flow will be maintained even when the circuit is twisted.

Hygienic and efficient

All our circuits are designed for single-patient use which help prevent costly cross contamination and contribute to process efficiency.

Sterile circuit available

We offer the sterile option to match the specific requirements.

Various configuration

We offer a variety of options to build circuit kits, including length, tubing preference, and other add-ons.

Adult Corrugated Circuits

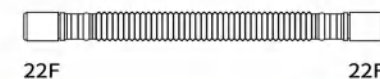
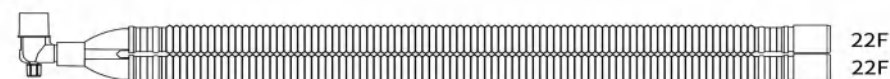
22M/15F



| Code | Description |
|----------|--|
| 33012000 | Basic Parallel (1.2m) circuit Elbow w/Luer lock port |
| 33015000 | Basic Parallel (1.5m) circuit Elbow w/Luer lock port |
| 33018000 | Basic Parallel (1.8m) circuit Elbow w/Luer lock port |

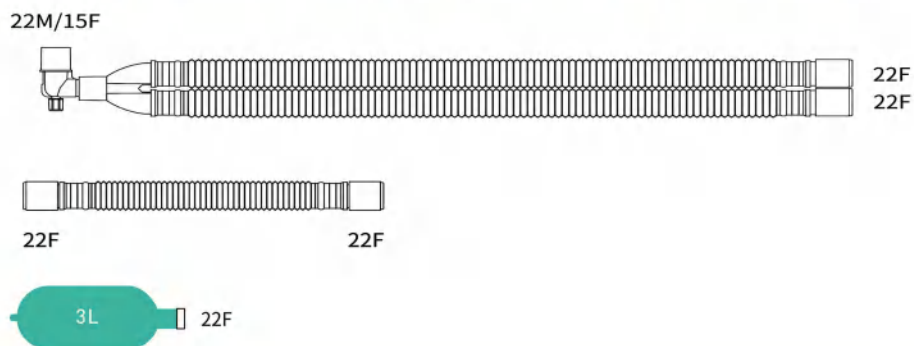
Adult Corrugated Circuits with Limb

22M/15F



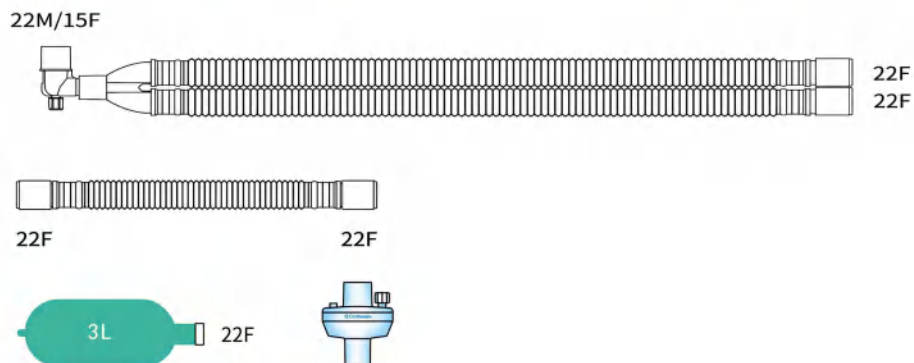
| Code | Description |
|----------|--|
| 33012100 | Basic Parallel (1.2m) circuit Elbow w/Luer lock port + 0.8m F/F limb |
| 33015100 | Basic Parallel (1.5m) circuit Elbow w/Luer lock port + 0.8m F/F limb |
| 33018100 | Basic Parallel (1.8m) circuit Elbow w/Luer lock port + 0.8m F/F limb |

Adult Corrugated Circuits With Limb And 3L Reservoir Bag



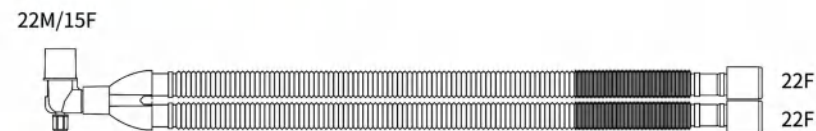
| Code | Description |
|----------|--|
| 33012110 | Basic Parallel (1.2m) circuit Elbow w/Luer lock port + 0.8m F/F limb + 3L Latex free reservoir bag |
| 33015110 | Basic Parallel (1.5m) circuit Elbow w/Luer lock port + 0.8m F/F limb + 3L Latex free reservoir bag |
| 33018110 | Basic Parallel (1.8m) circuit Elbow w/Luer lock port + 0.8m F/F limb + 3L Latex free reservoir bag |

Adult Corrugated Circuits With Limb, 3L Reservoir Bag And Filter



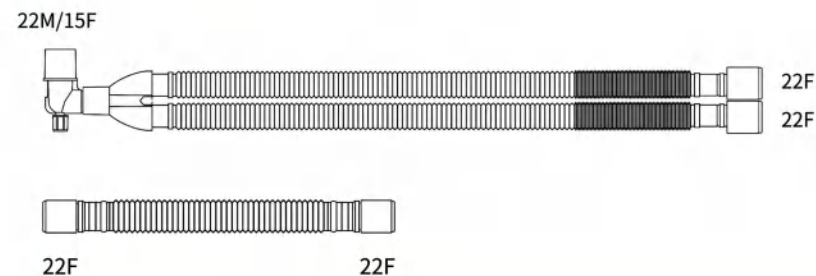
| Code | Description |
|----------|---|
| 33012111 | Basic Parallel (1.2m) circuit Elbow w/Luer lock port + 0.8m limb + 3L Latex free reservoir bag + filter |
| 33015111 | Basic Parallel (1.5m) circuit Elbow w/Luer lock port + 0.8m limb + 3L Latex free reservoir bag + filter |
| 33018111 | Basic Parallel (1.8m) circuit Elbow w/Luer lock port + 0.8m limb + 3L Latex free reservoir bag + filter |

Adult Extendable Circuits



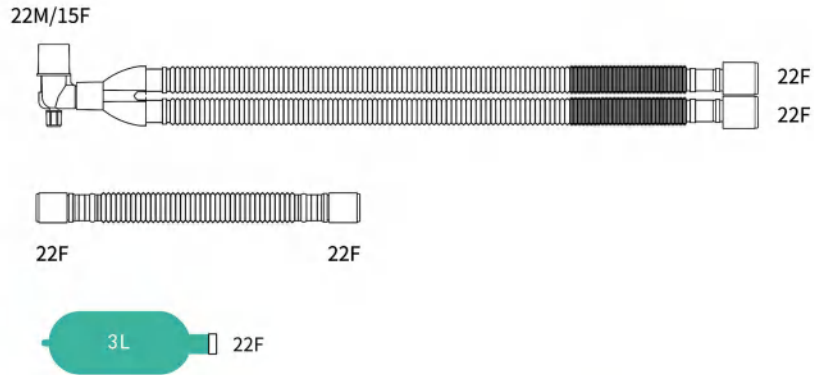
| Code | Description |
|----------|---|
| 33116000 | Extendable Parallel (1.6m) circuit Elbow w/Luer lock port |
| 33118000 | Extendable Parallel (1.8m) circuit Elbow w/Luer lock port |
| 33124000 | Extendable Parallel (2.4m) circuit Elbow w/Luer lock port |

Adult Extendable Circuits With Limb



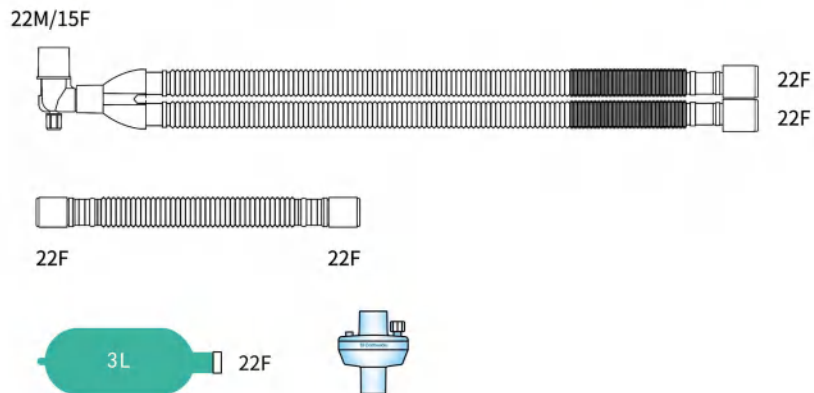
| Code | Description |
|----------|---|
| 33116100 | Extendable Parallel (1.6m) circuit Elbow w/Luer lock port + 0.8m F/F limb |
| 33118100 | Extendable Parallel (1.8m) circuit Elbow w/Luer lock port + 0.8m F/F limb |
| 33124100 | Extendable Parallel (2.4m) circuit Elbow w/Luer lock port + 0.8m F/F limb |

Adult Extendable Circuits With Limb And 3L Reservoir Bag



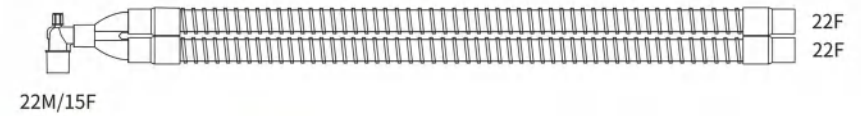
| Code | Description |
|----------|--|
| 33116110 | Extendable Parallel (1.6m) circuit Elbow w/Luer lock port + 0.8m F/F limb +3L Latex free reservoir bag |
| 33118110 | Extendable Parallel (1.8m) circuit Elbow w/Luer lock port + 0.8m F/F limb +3L Latex free reservoir bag |
| 33124110 | Extendable Parallel (2.4m) circuit Elbow w/Luer lock port + 0.8m F/F limb +3L Latex free reservoir bag |

Adult Extendable Circuits With Limb,3L Reservoir Bag And Filter



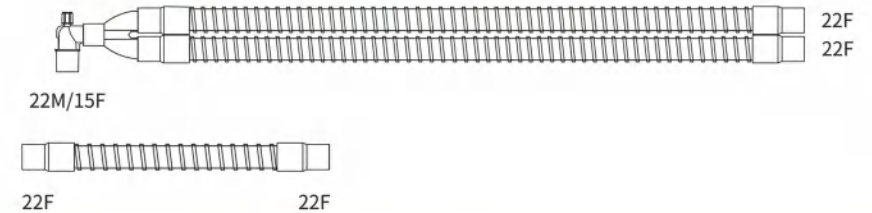
| Code | Description |
|----------|--|
| 33116111 | Extendable Parallel (1.6m) circuit Elbow w/Luer lock port +0.8m limb + 3L Latex free reservoir bag +filter |
| 33318111 | Extendable Parallel (1.8m) circuit Elbow w/Luer lock port +0.8m limb + 3L Latex free reservoir bag +filter |
| 33324111 | Extendable Parallel (2.4m) circuit Elbow w/Luer lock port +0.8m limb + 3L Latex free reservoir bag +filter |

Adult Smoothbore Circuits



| Code | Description |
|----------|--|
| 33216000 | Smooth Bore Parallel (1.6m) circuit Elbow w/Luer lock port |
| 33218000 | Smooth Bore Parallel (1.8m) circuit Elbow w/Luer lock port |
| 33224000 | Smooth Bore Parallel (2.4m) circuit Elbow w/Luer lock port |

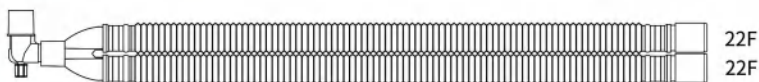
Adult Smoothbore Circuits With Limb



| Code | Description |
|----------|--|
| 33216100 | Smooth Bore Parallel (1.6m) circuit Elbow w/Luer lock port + 0.8m F/F limb |
| 33218100 | Smooth Bore Parallel (1.8m) circuit Elbow w/Luer lock port + 0.8m F/F limb |
| 33224100 | Smooth Bore Parallel (2.4m) circuit Elbow w/Luer lock port + 0.8m F/F limb |

Pediatric Corrugated Circuits

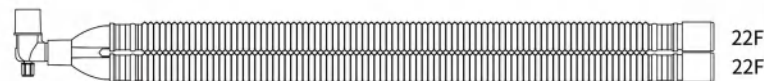
22M/15F



| Code | Description |
|----------|--|
| 34012000 | Basic Parallel (1.2m) circuit Elbow w/Luer lock port |
| 34015000 | Basic Parallel (1.5m) circuit Elbow w/Luer lock port |
| 34018000 | Basic Parallel (1.8m) circuit Elbow w/Luer lock port |

Pediatric Corrugated Circuits With 1L Reservoir Bag

22M/15F



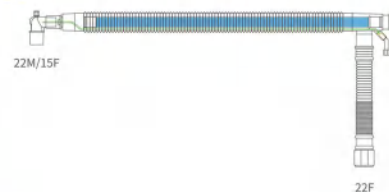
| Code | Description |
|----------|---|
| 34012100 | Pediatric Parallel (1.2m) circuit Elbow w/Luer lock port + 1L reservoir bag |
| 34015100 | Pediatric Parallel (1.5m) circuit Elbow w/Luer lock port + 1L reservoir bag |
| 34018100 | Pediatric Parallel (1.8m) circuit Elbow w/Luer lock port + 1L reservoir bag |

Coaxial Circuits

Key Features:

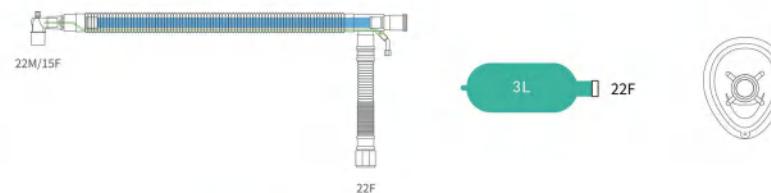
- Designed with inner inspiratory limb and white outer expiratory limb
- Compact design for cost-effective storage

Adult Coaxial Circuits



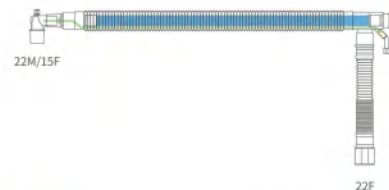
| Code | Description |
|----------|---------------------------------------|
| 33315000 | 1.5m Adult coaxial anesthesia circuit |
| 33318000 | 1.8m Adult coaxial anesthesia circuit |

Adult Coaxial Circuits With Anesthesia Mask And 3L Reservoir Bag



| Code | Description |
|----------|---|
| 33315110 | 1.5m Adult coaxial anesthesia circuit + anesthesia mask size 5 + 3L reservoir bag |
| 33318110 | 1.8m Adult coaxial anesthesia circuit + anesthesia mask size 5 + 3L reservoir bag |

Pediatric Coaxial Circuits



| Code | Description |
|----------|---|
| 34115000 | 1.5m Pediatric coaxial anesthesia circuit with gas sampling elbow |
| 34118000 | 1.8m Pediatric coaxial anesthesia circuit with gas sampling elbow |

Catheter Mounts

The catheter mount is designed as an intermediary connection between the patient and the breathing system. We are offering a wide range of catheter mount which is compatible with all breathing and ventilator circuits. The catheter mount with double swivel connector and flexible tubing provides mobility and flexibility to the patient end of the circuit. Specially designed port at the elbow facilitates suction & gas sampling without disconnecting the breathing circuit

Straight Catheter Mount



| Code | Description |
|----------|--|
| 35010010 | Corrugated straight catheter mount, 22F-22M/15F |
| 35010011 | Corrugated straight catheter mount with cap, 22F-22M/15F |



| Code | Description |
|----------|--|
| 35010020 | Flexible straight catheter mount, 22F-22M/15F |
| 35010021 | Flexible straight catheter mount with cap, 22F-22M/15F |



| Code | Description |
|----------|---|
| 35010030 | Smooth Bore straight catheter mount, 22F-22M/15F |
| 35010031 | Smooth Bore straight catheter mount with cap, 22F-22M/15F |

Fixed Elbow Catheter Mount



| Code | Description |
|----------|---|
| 35020010 | Corrugated fixed elbow catheter mount, 22F-22M/15F |
| 35020011 | Corrugated fixed elbow catheter mount with cap, 22F-22M/15F |



| Code | Description |
|----------|---|
| 35020020 | Flexible fixed elbow catheter mount, 22F-22M/15F |
| 35020021 | Flexible fixed elbow catheter mount with cap, 22F-22M/15F |



| Code | Description |
|----------|--|
| 35020030 | Smooth Bore fixed elbow catheter mount, 22F-22M/15F |
| 35020031 | Smooth Bore fixed elbow catheter mount with cap, 22F-22M/15F |

Double Swivel Elbow Catheter Mount with Port



| Code | Description |
|----------|--|
| 35030010 | Corrugated double swivel elbow catheter mount with port, 22F-22M/15F |
| 35030011 | Corrugated double swivel elbow catheter mount with port and cap, 22F-22M/15F |



| Code | Description |
|----------|--|
| 35030020 | Flexible double swivel elbow catheter mount with port, 22F-22M/15F |
| 35030021 | Flexible double swivel elbow catheter mount with port and cap, 22F-22M/15F |



| Code | Description |
|----------|---|
| 35030030 | Smooth Bore double swivel elbow catheter mount with port, 22F-22M/15F |
| 35030031 | Smooth Bore double swivel elbow catheter mount with port and cap, 22F-22M/15F |



| Code | Description |
|----------|-------------|
| 35000000 | Safety cap |

Filters and HMEs

This wide range of breathing filters, HMEs and combined HMEF products for patient protection and humidification offers the user high quality devices within Anesthesia, Respiratory and Critical Care clinical areas.

Breathing Filters

Primary Objective Of Breathing Filters

Cathwide Breathing Filters provide an effective barrier to stop bacteria and viruses being transferred to and from the patient and preventing cross contamination.

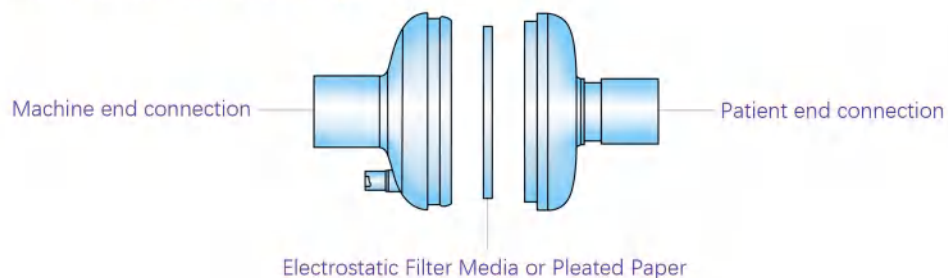
Universal Connectors

The 22M/15F connectors comply to BS EN ISO 5356 standard for easy fitting





Light Weight And Compact

The light weight and compact filter reduce the drag on the use.



Construction Of Breathing Filters



Electrostatic Filter

| |  |  |  |  |
|------------------------------|---|---|---|---|
| Code | 36010100 | 36010200 | 36010300 | 36010301 |
| Patient Group | Pediatric | Adult | Adult | Adult |
| Co2 Port | √ | √ | √ | √ |
| Filtration Efficiency | 99.999% | 99.999% | 99.999% | 99.999% |
| Resistance 30L/min | 80pa | 100pa | 60pa | 60pa |
| Dead Space | 20ml | 30ml | 30ml | 30ml |
| Weight | 15g | 23g | 25g | 40g |
| Connector | 22M/15F-15M | 22M/15F-22F/15M | 22M/15F-22F/15M | 22M/15F-22F/15M |
| Minimum Tidal Volume | >50ml | >150ml | >150ml | >150ml |
| Accessories | | | | Catheter mount 35010020 |

Pleated Paper Filter

| |  |  |  |  |
|------------------------------|---|---|---|---|
| Code | 36011100 | 36011200 | 36011300 | 36011301 |
| Patient Group | Pediatric/Adult | Adult | Adult | Adult |
| Co2 Port | √ | None | √ | √ |
| Filtration Efficiency | 99.9999% | 99.9999% | 99.9999% | 99.9999% |
| Resistance 30L/min | 240pa | 23pa | 15pa | 15pa |
| Dead Space | 35ml | 30ml | 30ml | 30ml |
| Weight | 28.5g | 54g | 54g | 78g |
| Connector | 22M/15F - 22F/15M | 22M-22F | 22F-22M | 22F-22M |
| Minimum Tidal Volume | >150ml | >150ml | >150ml | >150ml |
| Accessories | | | | Catheter mount 35030030 |

Heat Moisture Exchanger Filters (HMEF)

Primary Objective Of HMEF

Cathwide Heat Moisture Exchanger Filters combines the filtration efficiency of breathing filters with optimum moisture and humidity return provided by the addition of an HME element. It uses the patient's own moisture and humidity from expiration to humidify anesthetic gases during inspiration.

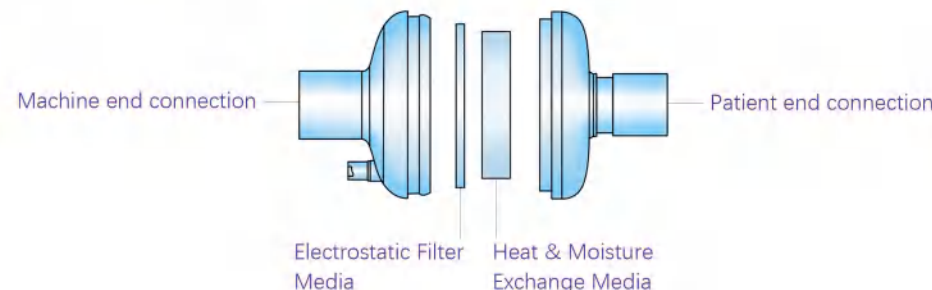
Universal Connectors

The 22M/15F connectors comply to BS EN ISO 5356 standard for easy fitting.


Round Shaped

The rounded shape with no sharp edges, reducing the risk of leaving pressure marks on the patients.

Construction Of HMEF




Foam HME Elements




| | | | | |
|------------------------------|-----------------|-------------------------|-----------------|-------------------------|
| Code | 36020100 | 36020101 | 36020200 | 36020201 |
| Patient Group | Pediatric | Pediatric | Adult | Adult |
| Co2 Port | None | None | √ | √ |
| Filtration Efficiency | 99.999% | 99.999% | 99.999% | 99.999% |
| Resistance 30L/min | 230pa | 230pa | 65pa | 65pa |
| Dead Space | 18ml | 18ml | 45ml | 45ml |
| Weight | 24g | 40g | 25g | 40g |
| Connector | 22M/15F-22F/15M | 22M/15F-22F/15M | 22M/15F-22F/15M | 22M/15F-22F/15M |
| Minimum Tidal Volume | >150ml | >150ml | >200ml | >200ml |
| Accessories | | Catheter mount 35020020 | | Catheter mount 35010021 |

Paper HME Elements



| | | | | |
|------------------------------|------------|-----------------|-----------------|-------------------------|
| Code | 36021100 | 36021200 | 36021300 | 36021301 |
| Patient Group | Neonate | Pediatric | Adult | Adult |
| Co2 Port | √ | √ | √ | √ |
| Filtration Efficiency | 99.999% | 99.999% | 99.999% | 99.999% |
| Resistance 30L/min | 295pa | 100pa | 80pa | 80pa |
| Dead Space | 8ml | 15ml | 28ml | 28ml |
| Weight | 8g | 13.5g | 21g | 36g |
| Connector | 15F-15F/8M | 22M/15F-22F/15M | 22M/15F-22F/15M | 22M/15F-22F/15M |
| Minimum Tidal Volume | >50ml | >150ml | >200ml | >200ml |
| Accessories | | | | Catheter mount 35010021 |

Paper HME Elements



| | | | | |
|------------------------------|-----------------|-------------------------|-----------------|-------------------------|
| Code | 36021400 | 36021401 | 36021500 | 36021501 |
| Patient Group | Adult | Adult | Adult | Adult |
| Co2 Port | √ | √ | √ | √ |
| Filtration Efficiency | 99.999% | 99.999% | 99.999% | 99.999% |
| Resistance 30L/min | 40pa | 40pa | 230pa | 230pa |
| Dead Space | 35ml | 35ml | 20ml | 20ml |
| Weight | 25g | 40g | 24g | 48g |
| Connector | 22M/15F-22F/15M | 22M/15F-22F/15M | 22M/15F-22F/15M | 22M/15F-22F/15M |
| Minimum Tidal Volume | >250ml | >250ml | >100ml | >100ml |
| Accessories | | Catheter mount 35010020 | | Catheter mount 35030030 |

Tracheostomy HME (HME)

Primary Objective of HME

The tracheostomy HME is used for tracheostomy tube for spontaneous breathing patients.

Universal Connectors


The 15mm female connectors can be used with all tracheostomy tubes.

Clear Construction

Allows for visual inspection of potential blockage of secretions which can block the airway.

Oxygen Connector

The swivel oxygen connector allows for supplementary oxygen tubing to be connected and placed in the most comfortable position for the patient, reducing the risk of disconnection, kinking and patient drag.



| | | | |
|----------------------|----------|----------|----------|
| Code | 36030100 | 36030200 | 36030300 |
| Patient Group | Adult | Adult | Adult |
| Suction Port | None | √ | √ |
| Oxygen port | None | √ | √ |
| Dead Space | 11ml | 15ml | 16ml |
| Weight | 5.4g | 8.4g | 5g |
| Connector | 15F | 15F | 15F |

Device Filtration

Oxygen Concentrator Filter

For use in respiratory systems and oxygen concentrators



| Code | 36040100 | 36040200 | 36040300 |
|-----------------------|-------------------------|-------------------------|-------------------------|
| Filtration Efficiency | 99.9999% | 99.9999% | 99.9999% |
| Weight | 88g | 74g | 108g |
| Connector | 22mm | 13mm | 22mm |
| Filter Material | Hydrophobic Glass Fiber | Hydrophobic Glass Fiber | Hydrophobic Glass Fiber |

Suction Filter

For use in suction vacuum regulator



| Code | 36050100 | 36050200 | 36050300 |
|---------------------------|--------------------------------|-----------------------------|--------------------------------|
| Filtration Efficiency | 99.999% | 99.999% | 99.999% |
| Weight | 10g | 19.8g | 17g |
| Connector | 5.5mm-9.5mm stepped hose barbs | 6mm-8mm stepped hose barbs | 4.0mm-9.5mm stepped hose barbs |
| Max Operating Pressure | 20psi | 20psi | 20psi |
| Effective Filtration Area | 15.2cm ² | 15.5cm ² | 24.6cm ² |
| Max operating temp. | 60°C | 60°C | 60°C |
| Pore size | 0.2um | 0.2um | 0.2um |
| Filter Material | Hydrophobic PTFE Media Disc | Hydrophobic PTFE Media Disc | Hydrophobic PTFE Media Disc |

Anatomical Anesthesia Mask

Lightweight mask
Provides easy and smooth grip and better comfort in the clinic use

Anatomical design
Provides excellent fit with different patient groups

Eco-friendly
PVC free material

Non-inflatable cuff
Provides superior seal performance with minimum pressure



Safe and secure connection
The ISO 5356 standard connector (22/15mm) allows for safe and secure connection with all breathing system

Ease of observation
Clear dome allows for observation of the patient's condition

Color-coding cuff
The flexible cuff is color-coding for easy size identification

| Code | Patient Group | Size | Connector | Color-Coding |
|----------|-------------------|------|-----------|--------------|
| 38001010 | Infant | 1# | ISO 15M | Blue |
| 38001020 | Toddler | 2# | ISO 22F | Orange |
| 38001030 | Child/Small Adult | 3# | ISO 22F | Pink |
| 38001040 | Medium Adult | 4# | ISO 22F | White |
| 38001050 | Large Adult | 5# | ISO 22F | Yellow |
| 38001060 | X-Large Adult | 6# | ISO 22F | Green |

Scented Anesthesia Mask

Scented mask
Available with fresh Scent, Bubble Gum, Strawberry and Cherry scents to provide a calming effect during procedure, especially for children

Soft cushion
The soft cushion enhances patient's comfort

Ease of observation
Clear dome allows for observation of the patient's condition

Inflatable cushion
The inflatable cushion allows adjustment by inflation/deflation for a perfect anatomical fit



Color-coding hooks
The color-coding hooks for easy size identification

Single use
The single use can reduce the risk of cross infection

Valve-Up design
The cushion valve at top of face mask for user comfort

Available with MRI compatible
The valve is made of polycarbonate and silicone for MRI compatible

Tail Valve Anesthesia Mask

Color-coding hooks
The color-coding hooks for easy size identification

Ease of observation
Clear dome allows for observation of the patient's condition

Single use
The single use can reduce the risk of cross infection

Tail valve design
It prevents valve from interfering with the clinician's grip during difficult intubations



Soft cushion
The soft cushion enhances patient's comfort

Inflatable cushion
The inflatable cushion all adjustment by inflation/deflation for a perfect anatomical fit

Available with MRI compatible
The valve is made of polycarbonate and silicone for MRI compatible

Full range size
Eight sizes available, from premature to extra-large adult

| Patient Group | Neonate | Infant | Toddler | Child/Small Adult | Medium Adult | Large Adult |
|-----------------------|----------|----------|----------|-------------------|--------------|-------------|
| Size | 0# | 1# | 2# | 3# | 4# | 5# |
| Color-Coding | / | / | Yellow | Red | Blue | Green |
| Connector | ISO 15M | ISO 15M | ISO 22F | ISO 22F | ISO 22F | ISO 22F |
| Fresh Scent (Mint) | 38002100 | 38002101 | 38002102 | 38002103 | 38002104 | 38002105 |
| Bubble Gum | 38002200 | 38002201 | 38002202 | 38002203 | 38002204 | 38002205 |
| Strawberry | 38002300 | 38002301 | 38002302 | 38002303 | 38002304 | 38002105 |
| Cherry | 38002400 | 38002401 | 38002402 | 38002403 | 38002404 | 38002105 |
| MRI Compatible | | | | | | |
| Fresh Scent (Mint) | 38012100 | 38012101 | 38012102 | 38012103 | 38012104 | 38012105 |
| Bubble Gum | 38012200 | 38012201 | 38012202 | 38012203 | 38012204 | 38012205 |
| Strawberry | 38012300 | 38012301 | 38012302 | 38012303 | 38012304 | 38012105 |
| Cherry | 38012400 | 38012401 | 38012402 | 38012403 | 38012404 | 38012105 |

| Code | Code MRI Compatible | Patient Group | Size | Connector | Color-Coding |
|----------|---------------------|-------------------|------|-----------|--------------|
| 38004100 | 38014100 | Premature | 00# | ISO 15M | / |
| 38004000 | 38014000 | Neonate | 0# | ISO 15M | White |
| 38004010 | 38014010 | Infant | 1# | ISO 15M | Pink |
| 38004020 | 38014020 | Toddler | 2# | ISO 22F | Yellow |
| 38004030 | 38014030 | Child/Small Adult | 3# | ISO 22F | Green |
| 38004040 | 38014040 | Medium Adult | 4# | ISO 22F | Red |
| 38004050 | 38014050 | Large Adult | 5# | ISO 22F | Blue |
| 38004060 | 38014060 | X-Large Adult | 6# | ISO 22F | Orange |

Top Valve Anesthesia Mask

Color-coding hooks
The color-coding hooks for easy size identification

Ease of observation
Clear dome allows for observation of the patient's condition

Top valve design
The cushion valve at top of face mask for user comfort

Single use
The single use can reduce the risk of cross infection



Soft cushion
The soft cushion enhances patient's comfort

Inflatable cushion
The inflatable cushion allows adjustment by inflation/deflation for a perfect anatomical fit

Available with MRI compatible
The valve is made of polycarbonate and silicone for MRI compatible

Full range size
Seven sizes available, from neonatal to extra-large adult

| Code | Code MRI Compatible | Patient Group | Size | Connector | Color-Coding |
|----------|---------------------|-------------------|------|-----------|--------------|
| 38003000 | 38013000 | Neonate | 0# | ISO 15M | White |
| 38003010 | 38013010 | Infant | 1# | ISO 15M | Pink |
| 38003020 | 38013020 | Toddler | 2# | ISO 22F | Yellow |
| 38003030 | 38013030 | Child/Small Adult | 3# | ISO 22F | Green |
| 38003040 | 38013040 | Medium Adult | 4# | ISO 22F | Red |
| 38003050 | 38013050 | Large Adult | 5# | ISO 22F | Blue |
| 38003060 | 38013060 | X-Large Adult | 6# | ISO 22F | Orange |

| Code | Mask Size | Kit Components |
|----------|-----------|-------------------|
| 38063010 | 1# | Elbow, HME filter |
| 38063020 | 2# | Elbow, HME filter |
| 38063030 | 3# | Elbow, HME filter |



| Code | Mask Size | Kit Components |
|----------|-----------|-----------------------------------|
| 38073030 | 3# | Elbow, HME filter, Catheter mount |
| 38073040 | 4# | Elbow, HME filter, Catheter mount |
| 38073050 | 5# | Elbow, HME filter, Catheter mount |



Silicone Reusable Anesthesia Mask



Why Silicone?

- The silicone material provides the superior ability to conform to the patient's anatomy
- The silicone material is resistant to high or low temperature and durable
- The silicone material is autoclavable and thus, it can be used with multiple patients
- The silicone material is flexible and soft to create an easy grip for the physician
- The silicone material is transparent to allow observation of the patient's condition

Two shapes design

The smaller sizes (sizes 0-2) have a circular shape in order to provide a comfortable fit and an effective seal for smaller patients with more round shaped face contours



The bigger sizes (sizes 3-6) have an oval model, dome type in order to provide a convenient fit and seal for adult patients

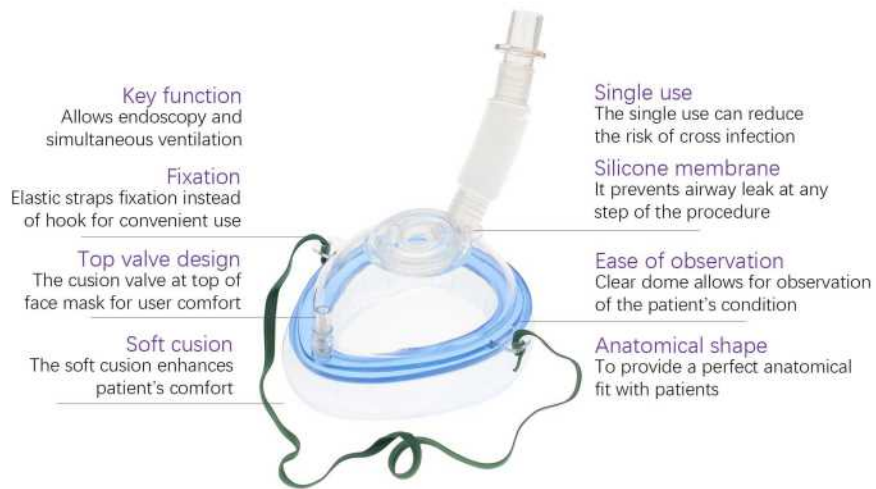


Full range size

Eight sizes available, from premature to extra-large adult

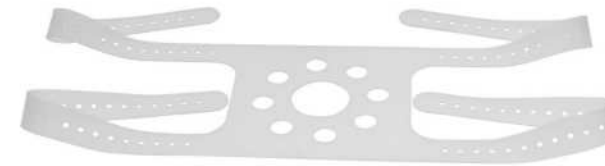
| Code | Patient Group | Size | Shape | Connector |
|----------|-------------------|------|----------|-----------|
| 38005100 | Premature | 00# | Circular | ISO 15M |
| 38005000 | Neonate | 0# | Circular | ISO 15M |
| 38005010 | Infant | 1# | Circular | ISO 15M |
| 38005020 | Toddler | 2# | Circular | ISO 22F |
| 38005030 | Child/Small Adult | 3# | Oval | ISO 22F |
| 38005040 | Medium Adult | 4# | Oval | ISO 22F |
| 38005050 | Large Adult | 5# | Oval | ISO 22F |
| 38005060 | X-Large Adult | 6# | Oval | ISO 22F |

Endoscopy Anesthesia Mask



| Code | Patient Group | Size | Diameter of Port | Connector |
|----------|---------------|------|------------------|-----------|
| 38006001 | Medium Adult | 4# | 5mm | 15M |
| 38006002 | Medium Adult | 4# | 10mm | 15M |
| 38006003 | Medium Adult | 4# | 17mm | 15M |

Silicone Head Harness



| Code | Description |
|----------|------------------------------|
| 38022000 | Silicone head harness, adult |
| 38022001 | Silicone head harness, child |

Reservoir Bags



| Code | Description | Material |
|----------|---|------------|
| 38033000 | 3 Liter reservoir bag with 22mm F connector | Latex Free |
| 38032000 | 2 Liter reservoir bag with 22mm F connector | Latex Free |
| 38031000 | 1 Liter reservoir bag with 22mm F connector | Latex Free |
| 38030500 | 0.5 Liter reservoir bag with 22mm F connector | Latex Free |



| Code | Description | Material |
|----------|---|----------|
| 38063000 | 3 Liter reservoir bag with 22mm F connector | Latex |
| 38062000 | 2 Liter reservoir bag with 22mm F connector | Latex |
| 38061000 | 1 Liter reservoir bag with 22mm F connector | Latex |
| 38060500 | 0.5 Liter reservoir bag with 22mm F connector | Latex |



CRITICAL CARE

- Adult 22mm Breathing Systems
- Pediatric 15mm Breathing Systems
- Infant 12mm Breathing Systems
- Closed Suction System
- High Flow Oxygen Therapy
- CPAP Therapy

ICU Breathing Circuit



ICU breathing circuit is a very important part for the connection to patient interface. They are specifically designed with low compliance tubes for patients requiring ventilation in ICU. Cathwide has a wide range of breathing circuit and accessories to meet the demands of patients from standard ventilator circuits to heated wire circuits and humidification chambers. All our circuits have the following common benefits.

Easy to manage

The patient end connector complies with the ISO standard which allows for ease of fitting to ETT tubes, Laryngeal masks, Catheter Mounts, Face masks or Elbows.

Ideal compliance

It is made of high-density PE, providing compliance to a level which is required for use with ventilated patients.

Heated wires

All heated wires are tested to ensure it meets the required resistance level

Hygienic and efficient

All our circuits are designed for single-patient use which help prevent costly cross contamination and contribute to process efficiency.

Various configuration

We offer a variety of options to build circuit kits, including length, tubing preference, and other add-ons.

Adult Breathing Circuits With Water Trap(s)



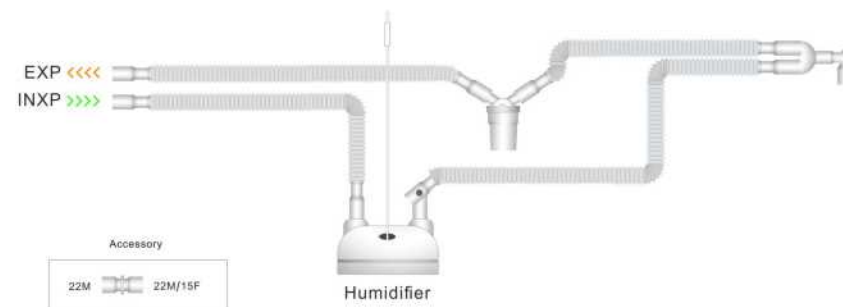
| Code | Description |
|----------|--|
| 30016001 | 1.6m, w/two monitoring ports, w/two water traps + 0.4m F/F limb, detachable |
| 30016002 | 1.6m, w/two monitoring ports, w/two water traps + 0.8m F/F limb, detachable |
| 30016101 | 1.6m, w/two monitoring ports, w/two water traps + 0.8m F/F limb + auto fill humidifier chamber, detachable |
| 30016102 | 1.6m, w/two monitoring ports, w/two water traps + 0.8m F/F limb + monitoring line 2.1 m |
| 30016201 | 1.6m, w/two monitoring ports, w/single water traps + 0.4m F/F limb, detachable |
| 30016202 | 1.6m, w/two monitoring ports, w/single water traps + 0.8m F/F limb, detachable |

Adult Smoothbore Breathing Circuits With Water Trap(s)



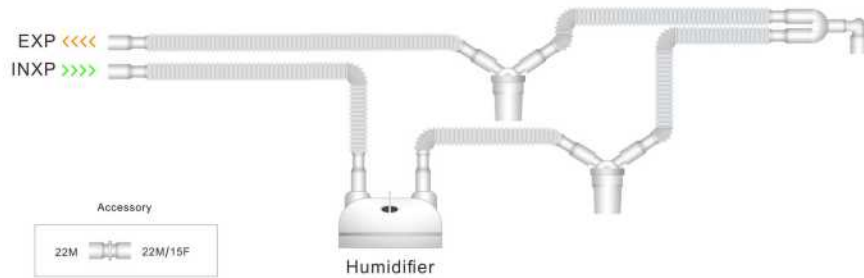
| Code | Description |
|----------|--|
| 30116301 | 1.6m, w/two monitoring ports, w/two water traps + 0.6m F/F limb+ monitoring line 2.0 m |
| 30116201 | 1.6m, w/two monitoring ports, w/two water traps + 0.6m F/F limb |
| 30116101 | 1.6m, w/two monitoring ports, w/two water traps + 0.6m F/F limb + auto fill humidifier chamber |
| 30116003 | 1.6m, w/two monitoring ports, w/single water traps + 0.6m F/F limb |
| 30116002 | 1.6m, w/two monitoring ports, w/single water traps + 0.4m F/F limb |
| 30116001 | 1.6m, w/two monitoring ports, w/single water traps + 0.3m F/F limb |

Adult Breathing Circuits With Heated Wire



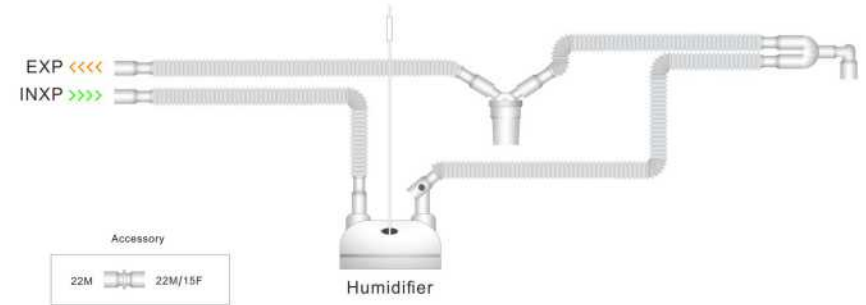
| Code | Description |
|----------|--|
| 30216001 | 1.6m, w/two monitoring ports, w/single water trap, single heated wire |
| 30216101 | 1.6m, w/two monitoring ports, w/single water trap, single heated wire + auto fill humidifier chamber |
| 30216002 | 1.6m, w/two monitoring ports, w/o water trap, dual heated wire |
| 30216102 | 1.6m, w/two monitoring ports, w/o water trap, dual heated wire + auto fill humidifier chamber |
| 30216202 | 1.6m, w/two monitoring ports, w/o water trap, dual heated wire + auto fill humidifier chamber + 2.1m monitoring line |
| 30216302 | 1.6m, smoothbore circuit, w/two monitoring ports, w/single water trap, single heated wire + auto fill humidifier chamber |
| 30216303 | 1.6m, smoothbore circuit, w/two monitoring ports, w/o water trap, dual heated wire |

Pediatric Breathing Circuits With Water Traps



| Code | Description |
|----------|---|
| 30316001 | 1.6m, w/two monitoring ports, w/two water traps + 0.4m F/F limb, detachable |
| 30316002 | 1.6m, w/two monitoring ports, w/two water traps + 0.8m F/F limb, detachable |
| 30316101 | 1.6m, w/two monitoring ports, w/two water traps + 0.8m F/F limb + monitoring line 2.1 m |

Pediatric Breathing Circuits With Heated Wire



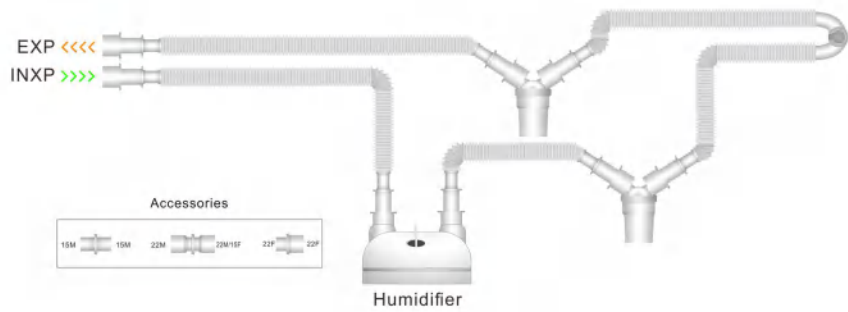
| Code | Description |
|----------|--|
| 30516001 | 1.6m, w/two monitoring ports, w/single water trap, single heated wire |
| 30516101 | 1.6m, w/two monitoring ports, w/single water trap, single heated wire + auto fill humidifier chamber |
| 30516201 | 1.6m, w/two monitoring ports, w/o water trap, dual heated wire |

Pediatric Smoothbore Breathing Circuits With Water Traps



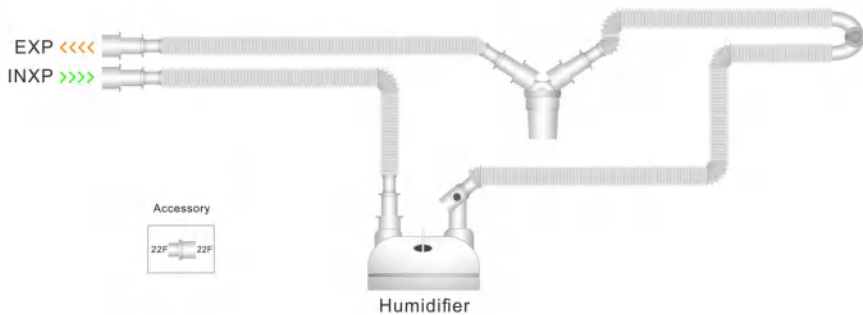
| Code | Description |
|----------|--|
| 30416001 | 1.6m, w/two monitoring ports, w/two water traps + 0.6m F/F limb |
| 30416101 | 1.6m, w/two monitoring ports, w/two water traps + 1.2m F/F limb detachable |
| 30416201 | 1.6m, w/two monitoring ports, w/two water traps + 0.6m F/F limb + auto fill humidifier chamber |

Infant Breathing Circuits With Water Traps



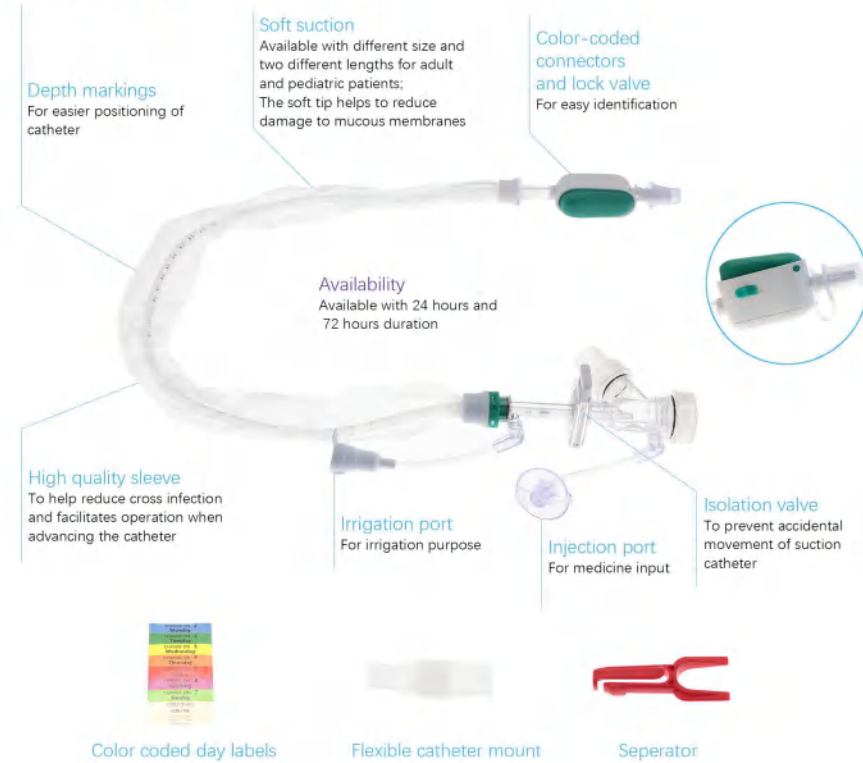
| Code | Description |
|----------|---|
| 30624001 | 4*0.6m circuits, w/ monitoring port, w/two water traps + 0.3m limb |
| 30630101 | 2*0.6m + 2*0.9m circuits, w/ monitoring port, w/two water traps + 0.3m limb |
| 30616401 | 1.6m, w/ monitoring port, w/two water traps + monitoring line 2.1 m |

Infant Breathing Circuits With Heated Wire



| Code | Description |
|----------|--|
| 30616000 | 1.6m, w/monitoring port, w/single water trap, single heated wire |
| 30616301 | 1.6m, w/monitoring port, w/single water trap, single heated wire + auto fill humidifier chamber + monitoring line 2.1m + 0.6m limb |
| 30616201 | 1.6m, w/two monitoring ports, w/o water trap, dual heated wire |
| 30616101 | 1.6m, w/two monitoring ports, w/o water trap, dual heated wire + monitoring line 2.1m |

Closed Suction System



| Catheter Size | Length(cm) | Color Code | 24 Hours Use | 72 Hours Use |
|---------------|------------|-------------|--------------|--------------|
| Fr6 | 40 | Light green | 30810640 | 30820640 |
| Fr8 | 40 | Light blue | 30810840 | 30820840 |
| Fr10 | 40 | Black | 30811040 | 30821040 |
| Fr12 | 40 | White | 30811240 | 30821240 |
| Fr14 | 40 | Green | 30811440 | 30821440 |
| Fr16 | 40 | Orange | 30811640 | 30821640 |
| Fr18 | 40 | Red | 30811840 | 30821840 |
| Fr10 | 60 | Black | 30811060 | 30821060 |
| Fr12 | 60 | White | 30811260 | 30821260 |
| Fr14 | 60 | Green | 30811460 | 30821460 |
| Fr16 | 60 | Orange | 30811660 | 30821660 |
| Fr18 | 60 | Red | 30811860 | 30821860 |



High Flow Oxygen Therapy

High-flow oxygen therapy is non-invasive ventilation that delivers warmed, humidified, oxygen-enriched air to patients.

Traditional oxygen therapy is up to 16 L/min and high flow oxygen therapy is up to 60 L/min. It is typically used for spontaneously breathing patients who require oxygen at higher flow rates. High-flow oxygen therapy can provide respiratory support for patients with acute hypoxemic respiratory failure and can also prevent subsequent intubation.

This type of O₂ therapy is usually delivered using a blender connected to a wall outlet, a humidifier, heated tubing and nasal cannula, and we offer a complete range and total solution for this use.

Heated Respiratory Humidifier



Product Overview

High flow heated respiratory humidifiers is mainly used to provide humidified and heated air-O₂ mixed gas to the nasal cavity directly through a nasal congestion catheter without sealing, which is higher than the peak inspiratory flow rate of the patient. The oxygen concentration is accurate and adjustable, which makes the breathing more comfortable. It is an effective respiratory therapy that is suitable for invasive or non-invasive patients with spontaneous breathing, but not for life support.

Product Structure



Key Features

Precise control and monitoring of oxygen concentration, flow rate and temperature

The high-quality sensor can ensure the accuracy of oxygen concentration, flow rate and gas temperature, which help to ensure that the gas can meet the patient's requirements. At the same time, all these data can be monitored in real time to ensure the effective treatment of patient.

Ergonomic design for easy use

One-key shifting from high flow to low flow mode. Handy and carefree touch screen + shuttle key, dual operation ways, easy to use. Light and compact medical trolley ease intra- hospital transport.

Dual color hypnotic lamp

Blue in normal status, and red in alarming status. Convenient to check the status of equipment from a distance.

Multiple alarm

As many as 12 alarms to ensure that use errors are detected in real time and keep the treatment process safe and effective.

History record query

It can record the temperature, flow rate and oxygen concentration for passed 1 day, 3 days, 7 days or 30 days, which is convenient to check the treatment data quickly.

Performance Parameter

| Functional Items | Models | | | | |
|----------------------------------|---|--|--------------------|--------------------|--------------------|
| | C8 | C7 | C6 | C8M | |
| O ₂ Control | Measurement of O ₂ concentration | ● | ● | ● | ● |
| | O ₂ Limit Alarm | ● | ● | - | - |
| | Settable Range | 21 %-100% | 21 %-100% | - | - |
| | Oxygen Accuracy | ±5% | ±5% | - | - |
| O ₂ -Air Control mode | Software | Software | Buoy flowmeter | Buoy flowmeter | |
| | Settable Range | 2-80L/min | 2-70L/min | 2-60L/min | 2-80L/min |
| Flow Control Function | Flow Accuracy | ±5L/min (High flow mode: 25L/min ~ 80L/min) ±2L/min (Low flow mode: 2L/min ~ 25L/min) | | | |
| | Measurement | ● | ● | ● | ● |
| Temperature Control Function | Settable Range | 29°C-37°C/9 levels | 29°C-37°C/9 levels | 29°C-37°C/9 levels | 29°C-37°C/9 levels |
| | Temperature Accuracy | ±2 | ±2 | ±2 | ±2 |
| | Measurement of O ₂ concentration | ● | ● | ● | ● |
| Review Function | History Review | ● | ● | ● | ● |
| Timing Function | Accumulated Therapy Time | ● | ● | ● | ● |
| | Total use time | ● | ● | ● | ● |
| | Night Mode | ● | ● | ● | ● |
| Physical and Electrical | IP Classification | IP22 | | | |
| | Dimensions | 336mm x 233mm x 136mm | | | |
| | Weight | 3.2kg | | | |
| | Power input | AC 220V,2A Max, 50Hz | | | |

Note: ● indicates with this configuration; - indicates no such configuration.

Heated Humidifier



Product Specification

| | | | |
|---|--|-------------------------------|-------------------------------|
| Model | PN-2000FB | | |
| Classification | Class IIb, Type B, IPX1 | | |
| Supply Voltage/Frequency | 220V/ 110V 50/60Hz | | |
| Heater Plate | 150W | | |
| Heater Wire (Max.) | 22V-2.73A,60W,50/60Hz | | |
| Heater Plate Over-temperature Cut Off | 95±5°C | | |
| Temperature monitoring | 0-75°C | | |
| Temperature control settings | Heated wire mode (mode indicator lighted) | | |
| | Temperature grade(with indicator status) | Continuous flow range | Delivered patient temperature |
| | P1(●○○) | 5L/min-60L/min | 25-29°C |
| | P2(●●○) | 5L/min-60L/min | 29-35°C |
| | P3(●●●) | 5L/min-60L/min | 35-39°C |
| | Non-heated wire model (mode indicator non-lighted) | | |
| Temperature grade (with indicator status) | Continuous flow range | Delivered patient temperature | |
| P1(●○○) | 5L/min-60L/min | P1: 23-27°C | |
| P2(●●○) | 5L/min-60L/min | P2: 27-32°C | |
| P3(●●●) | 5L/min-60L/min | P3: 32-37°C | |
| Humidity Performance | >12mg/L@5-60Lpm | | |
| Display | Three-digit, 0.56 inch, 7 segment LED | | |
| | 10-70°C, Accuracy±2°C (In 25-45°C temperature range) | | |
| Dimension | 135mm(W)*145mm(H)*155mm(D) (without chamber) | | |
| Weight | 2.5kg(max) (without chamber) | | |
| | 3.2 kg(max) (with chamber filled water) | | |
| Operating environment | Temperature:18C-26°C | | |
| | Relative humidity: ≤95% (without condensation) | | |
| | Atmospheric pressure:86KPa-106Kpa | | |
| Transportation and Storage environment | Temperature: -40°C~55°C | | |
| | Relative humidity: ≤95% (without condensation) | | |
| Electrical safety standard | IEC60601-1/GB9706.1-2007 | | |
| EMC safety standard | IEC/EN 60601-1-2/YY0505-2012 | | |
| Device specific standard | ISO8185:2007/YY0786-2010 | | |

High Flow Nasal Cannula



| Code | Size |
|----------|-----------|
| 30900100 | Large,1# |
| 30900200 | Medium,2# |
| 30900300 | Small,3# |

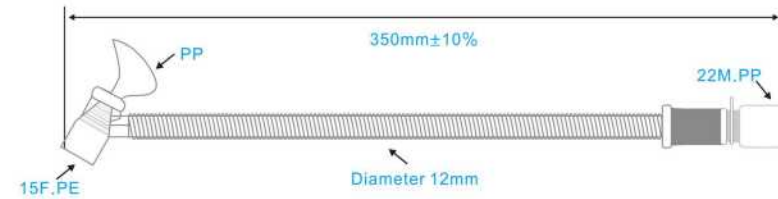
Complete Kit

| Code | Description |
|----------|---|
| 30900112 | Heated breathing circuit 2m + 0.6m limb+ Humidifier chamber + HFNC 1# |
| 30900212 | Heated breathing circuit 2m + 0.6m limb+ Humidifier chamber + HFNC 2# |
| 30900312 | Heated breathing circuit 2m + 0.6m limb+ Humidifier chamber + HFNC 3# |



High Flow Tracheostomy Interface

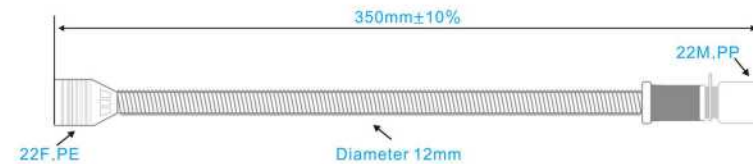
Especially used for High Flow humidified therapy for tracheostomy patients



| Code | Size |
|----------|----------------------------------|
| 30900400 | High flow tracheostomy interface |

High Flow Mask Interface Adaptor

Designed to use with mask for High Flow humidified therapy



| Code | Size |
|----------|----------------------------------|
| 30900500 | High flow mask interface adaptor |

Humidifier Chamber



Key Features:

- **Automatically water refills**
Providing optimal humidification output to save refilling work.
- **Clear construction**
Allowing constant monitoring of the water
- **ISO 22mm connector**
Safe connection to all breathing tube
- **Float mechanism**
It enhances patient safety while maintaining a consistent water level
- **Heat transfer**
Effective heat transfer from standard aluminum base
- **Various options**
Available with disposable and reusable types

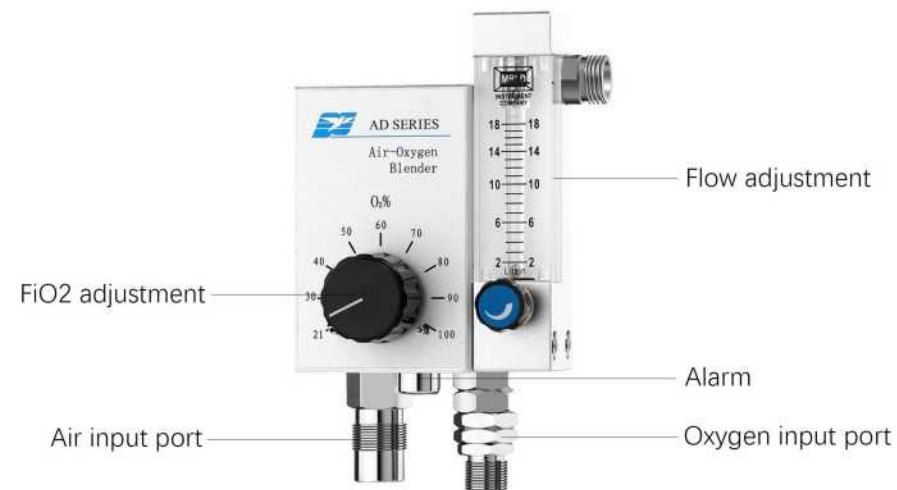
| Code | Description |
|----------|------------------------------------|
| 30950000 | Auto fill humidifier chamber,500ml |

| Code | Description |
|----------|---|
| 30931000 | Auto fill humidifier chamber,310ml, Pediatric |

| Code | Description |
|----------|-----------------------------------|
| 30964000 | Reusable humidifier chamber,640ml |



Air Oxygen Blender



Product specification



| Model | AD3000-SPA | AD3000-SPB | AD3000-SPD | AD3000-SPD2 |
|------------------------------|---|------------|---------------------|---------------------|
| FiO ₂ | 21% ~ 100% | | | |
| Flow | 2-18/6-60/12-120lpm | ***** | 0.1 ~ 1 & 1 ~ 10LPM | 0.1 ~ 1 & 1 ~ 10LPM |
| Pressure of source | 0.3Mpa ~ 0.4Mpa | | | |
| Alarm | Gas supply pressure difference > 0.1MPa | | | |
| Alarm noise | >57dB(A) | | | |
| Number of output | Single | Single | Single | Dual |
| Number of flowmeter | Single | / | Dual | Dual |
| Accuracy of FiO ₂ | 3% | | | |
| Bleed flow | 3LPM | | | |

CPAP Therapy

CPAP, the abbreviation for continuous positive airway pressure therapy, is one of the most recommended treatment options for patients who have obstructive sleep apnea. CPAP machines use mild air pressure to keep the airways open, and are typically used by patients who have breathing problems during sleep. More specifically, what CPAP therapy helps accomplish is making sure that your airway doesn't collapse when you breathe while asleep.

Cathwade offers a total solution of CPAP therapy to help you get a safe and great night's sleep.



CPAP Machine

3.5" Colorful LCD screen
Provide vivid information in one page and more legibility. User interface design to enable easier operation and fast-setup.



Separable design for host and humidifier
Flexible choices for therapy place are allowed by separable design

SpO2 supervisor
SpO2 Kit are optional to manage SpO2 data in real time
Lower dBA
Less noise achieved by high-quality blower

Heating Humidifier
5 Temperature levels for humidifier are available; Designed to prevent back flow and be detachable to clean easily.

Key Features

Accurate identification

The high-quality sensor collaborates with innovative algorithm to identify various respiratory events precisely and to make quick response.

Auto-adjusting pressure

Automatically adjust the pressure to optimal level in accordance with relative respiratory events.

Pressure titration

Recommend the best suitable therapeutic pressure in consistent with patient's actual needs.

A variety of Alerts

Safer use is ensured by alerts, including power failure, air leakage, humifailure, etc.

Two different work modes

CPAP mode and APAP mode

| | |
|------|-------|
| Code | C-20A |
|------|-------|

Nasal Pillow Mask



Easy To Wear within 15 Seconds



Thread both ends of the headband into the mounting holes on the left and right sides of the bridge of the nose, and then fold and fasten the magic sticky cloth to a suitable position.



Insert the nose pad into the nose, cover the head with the headband, place the headband above the ears, and adjust the tightness of the headbands on both sides to a suitable position.



Properly adjust the position of the nasal congestion to make the nose pad and the nostril fit comfortably.



After wearing, connect the nasal pillow to the breathing tube, start the ventilator, and adjust the headband and nasal pillow to achieve a comfortable airtightness.

| Code | Description |
|----------|---------------------------|
| 30912001 | Nasal pillow mask, small |
| 30912002 | Nasal pillow mask, medium |
| 30912003 | Nasal pillow mask, large |

CPAP Nasal Mask

Ergonomic design
Fitting comfortably around your nose

Air seal cushion design
For better and stable seal

Medical grade silicone material
Durable, light weight and transparent frame provide clear field of vision

Swivel elbow
Features a 360-degree dual swivel elbow port to move freely

Silicone pad forehead
The textured surface for pressure relief and comfort

Flexible forehead support
The ultra-flexible forehead support for excellent fit and stability

Harness quick clips
Allow for ease of removal of mask




| Code | Description |
|----------|-------------------------|
| 30913001 | CPAP nasal mask, small |
| 30913002 | CPAP nasal mask, medium |
| 30913003 | CPAP nasal mask, large |

CPAP Full Face Mask

Full mask design
Covering the nose and mouth for those who breathe through their mouth

Air seal cushion design
For better and stable seal

Medical grade silicone material
Durable, light weight and transparent frame provide clear field of vision

Swivel elbow
Features a 360-degree dual swivel elbow port to move freely

Silicone pad forehead
The textured surface for pressure relief and comfort

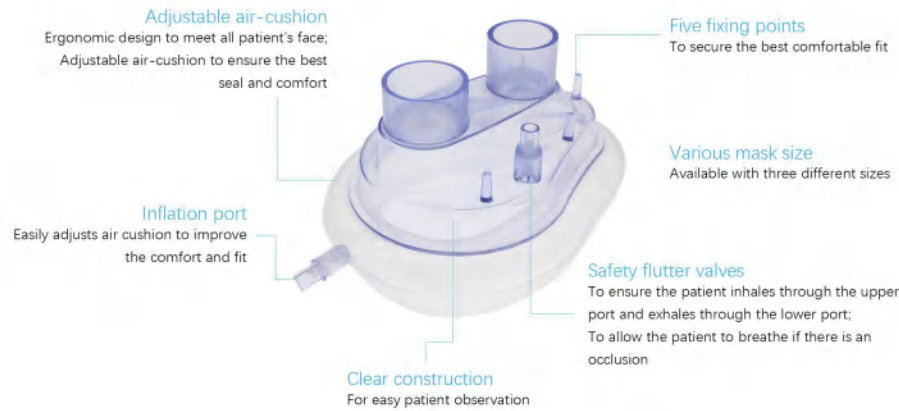
Flexible forehead support
The ultra-flexible forehead support for excellent fit and stability

Harness quick clips
Allow for ease of removal of mask




| Code | Description |
|----------|-----------------------------|
| 30914001 | CPAP full face mask, small |
| 30914002 | CPAP full face mask, medium |
| 30914003 | CPAP full face mask, large |

Dual-port CPAP Mask



| Code | Description |
|----------|-----------------------------|
| 30915001 | Dual-port CPAP mask, small |
| 30915002 | Dual-port CPAP mask, medium |
| 30915003 | Dual-port CPAP mask, large |



Dual-port CPAP Mask With PEEP Valve

| Code | Description |
|----------|---|
| 30915101 | Dual-port CPAP mask with PEEP valve, small |
| 30915102 | Dual-port CPAP mask with PEEP valve, medium |
| 30915103 | Dual-port CPAP mask with PEEP valve, large |

CPAP Circuit

Compatible with all major CPAP/BIPAP machines in the market.

| Code | Description |
|----------|----------------------------|
| 30918018 | Universal CPAP tubing 1.8m |



Headgear

Comfortable, durable and breathable material to maximize the best comfort.

| Code | Description |
|----------|----------------|
| 30919001 | Basic headgear |



| Code | Description |
|----------|------------------|
| 30919002 | FitPlus headgear |



Silicone Head Harness

The soft silicone straps to maximize patient's comfort.

| Code | Description |
|----------|------------------------------|
| 38022000 | Silicone head harness, adult |
| 38022001 | Silicone head harness, child |



PEEP Valve / Reusable

| Code | Pressure range | Connector | Color |
|----------|----------------|-----------|-------|
| 39200000 | 5-20 cmH2O | 30mm ID | Black |
| 39200100 | 5-20 cmH2O | 30mm ID | Blue |



The background features a light blue and white color scheme with wavy, layered lines. On the left and right sides, there are large, stylized, grey letters that appear to be part of a logo or decorative element, possibly spelling out 'LIFE' or similar. The main title is centered in a bold, orange font.

OXYGEN AND AEROSOL THERAPY

- Oxygen Therapy
- Aerosol Therapy

Oxygen Therapy

Oxygen is a colorless, odorless, tasteless gas that is essential for the body to function properly and to survive. The air we breathe contains approximately 21% oxygen. For most people with healthy lungs, 21% oxygen is sufficient, but if you have chronic obstructive pulmonary disease (COPD) or a condition where your lung function is impaired, the amount of oxygen obtained through normal breathing is not enough. In this case, you'll need supplemental amounts of oxygen to maintain normal body function. In addition, supplemental oxygen improves sleep, mood, mental alertness, and stamina, and allows individuals to carry out normal, everyday functions. We have a wide range of oxygen therapy devices including both nasal cannula and oxygen masks, and we can divide these devices into two categories, Variable Performance and Fixed Performance.

Variable Performance Devices

These devices deliver a variable inspired oxygen concentration to the patient, because the patient creates the inspired oxygen mixture by the act of breathing.

| Low Concentration | | Medium Concentration | | High Concentration | |
|-------------------|----------------|----------------------|--------------|--------------------|----------------------|
| FiO2 | 24-44% | FiO2 | 40-60% | FiO2 | >80% |
| Flow rate | 3-6L/min | Flow rate | 6-8L/min | Flow rate | 6-10L/min |
| Products | Nasal cannulas | Products | Oxygen masks | Products | Non-rebreathing mask |

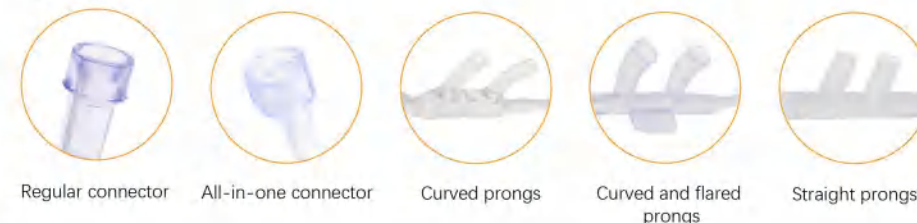
Fixed Performance Devices

These devices deliver a fixed and constant inspired oxygen concentration to the patient, independent of the patient's ventilation.

| Fixed Concentration | |
|---------------------|---------------|
| FiO2 | 24-60% |
| Flow rate | 4-12L/min |
| Products | Venturi masks |

Nasal Oxygen Cannula

A nasal oxygen cannula is a two-pronged device used to administer oxygen to a patient through both nostrils. The product is intended for single use only. Cathwite offer a wide range of products for adult, pediatric, infant and neonate and a wide selection of prong shapes to suit all patient's requirement.



Conventional Nasal Oxygen Cannula



| Code | Size | Tubing OD | Tubing Length | Max O2FR | Prong Straight | Prong Flared | Prong Curved |
|----------|-----------|-----------|---------------|----------|----------------|--------------|--------------|
| 40000181 | Adult | 5mm | 1.8m | 6 LPM | ✓ | | |
| 40000182 | Adult | 5mm | 1.8m | 6 LPM | | ✓ | |
| 40000183 | Adult | 5mm | 1.8m | 6 LPM | | | ✓ |
| 40000211 | Adult | 5mm | 2.1m | 6 LPM | ✓ | | |
| 40000212 | Adult | 5mm | 2.1m | 6 LPM | | ✓ | |
| 40000213 | Adult | 5mm | 2.1m | 6 LPM | | | ✓ |
| 40001181 | Pediatric | 5mm | 1.8m | 6 LPM | ✓ | | |
| 40001211 | Pediatric | 5mm | 2.1m | 6 LPM | ✓ | | |
| 40002181 | Infant | 5mm | 1.8m | 6 LPM | ✓ | | |
| 40002211 | Infant | 5mm | 2.1m | 6 LPM | ✓ | | |

SoFit Nasal Oxygen Cannula



| Code | With Ear Guards | Size | Tubing OD | Tubing Length | Max O2FR | Prong Type |
|----------|-----------------|-----------|-----------|---------------|----------|-------------|
| | | | | | | Soft Curved |
| 40010183 | 40020183 | Adult | 5mm | 1.8m | 6 LPM | ✓ |
| 40010213 | 40020213 | Adult | 5mm | 2.1m | 6 LPM | ✓ |
| 40011183 | 40021183 | Pediatric | 5mm | 1.8m | 6 LPM | ✓ |
| 40011213 | 40021213 | Pediatric | 5mm | 2.1m | 6 LPM | ✓ |
| 40012183 | 40022183 | Infant | 5mm | 1.8m | 6 LPM | ✓ |
| 40012213 | 40022213 | Infant | 5mm | 2.1m | 6 LPM | ✓ |
| 40013183 | 40023183 | Neonate | 5mm | 1.8m | 6 LPM | ✓ |
| 40013213 | 40023213 | Neonate | 5mm | 2.1m | 6 LPM | ✓ |
| 40014183 | 40024183 | Preemie | 5mm | 1.8m | 6 LPM | ✓ |
| 40014213 | 40024213 | Preemie | 5mm | 2.1m | 6 LPM | ✓ |

MaxFlow Nasal Oxygen Cannula



| Code | Size | Tubing OD | Tubing Length | Max O2FR | Prong Type |
|----------|-----------|-----------|---------------|----------|-------------|
| | | | | | Soft Curved |
| 40030183 | Adult | 6mm | 1.8m | 15 LPM | ✓ |
| 40030213 | Adult | 6mm | 2.1m | 15 LPM | ✓ |
| 40031183 | Pediatric | 6mm | 1.8m | 15 LPM | ✓ |
| 40031213 | Pediatric | 6mm | 2.1m | 15 LPM | ✓ |
| 40032183 | Infant | 6mm | 1.8m | 15 LPM | ✓ |
| 40032213 | Infant | 6mm | 2.1m | 15 LPM | ✓ |

Etco2 Nasal Oxygen Cannula

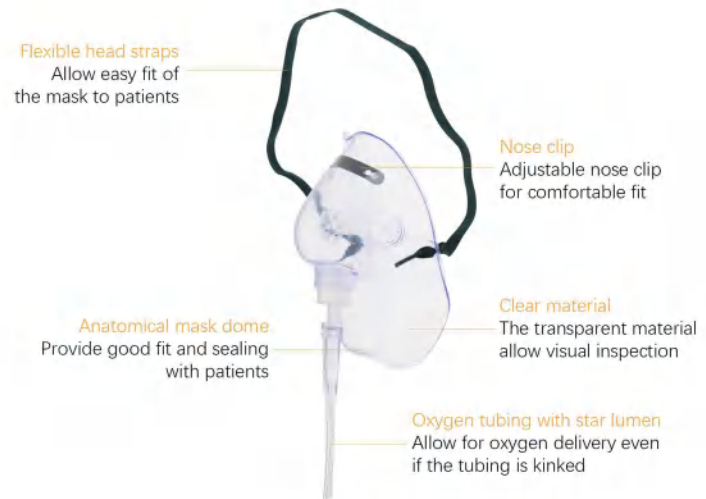


| Code | Size | Tubing OD | Tubing Length | Luer Connector | | Prong Type |
|----------|-----------|-----------|---------------|----------------|--------|------------|
| | | | | Male | Female | |
| 40040213 | Adult | 5mm | 2.1m | ✓ | | ✓ |
| 40040214 | Adult | 5mm | 2.1m | | ✓ | ✓ |
| 40041213 | Pediatric | 5mm | 2.1m | ✓ | | ✓ |
| 40041214 | Pediatric | 5mm | 2.1m | | ✓ | ✓ |
| 40042213 | Infant | 5mm | 2.1m | ✓ | | ✓ |
| 40042214 | Infant | 5mm | 2.1m | | ✓ | ✓ |

Oxygen mask

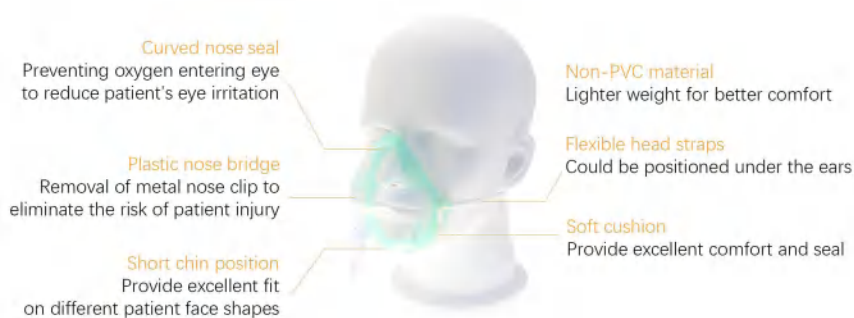
The oxygen mask is a type of medium concentration mask which is intended for administration of oxygen when precise control of inspired oxygen concentration is not mandatory. These masks, by design, allow entrainment of room air via ports on the sides of the mask during inspiration, which in turn reduces the achievable FiO2. The masks are connected directly to a compressed air oxygen supply. At a flow rate of 6-8 L/min the oxygen mask delivers an oxygen concentration of 40-60% depending on the patient's breathing. Cathwide offer different types of masks that make them particularly useful across different situations.

Conventional Oxygen Mask



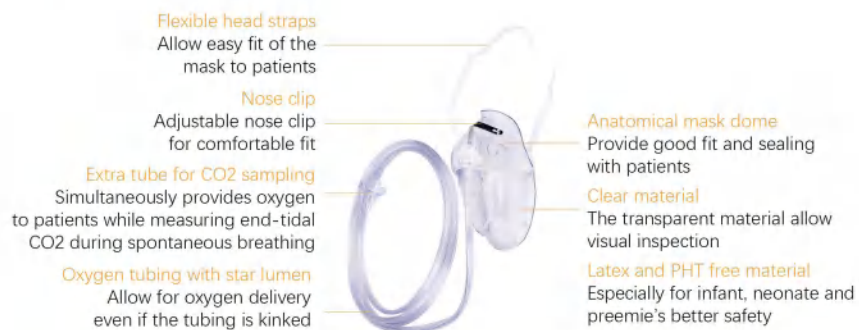
| Code | Description | Size |
|----------|--|-------------|
| 41000001 | Oxygen mask, medium concentration, with 7ft tubing | Adult |
| 41000002 | Oxygen mask, medium concentration, with 7ft tubing | Adult small |
| 41000003 | Oxygen mask, medium concentration, with 7ft tubing | Pediatric |
| 41000004 | Oxygen mask, medium concentration, with 7ft tubing | Infant |
| 41001001 | Oxygen mask, medium concentration, no tubing | Adult |
| 41001002 | Oxygen mask, medium concentration, no tubing | Adult small |
| 41001003 | Oxygen mask, medium concentration, no tubing | Pediatric |
| 41001004 | Oxygen mask, medium concentration, no tubing | Infant |

SoFit Oxygen Mask



| Code | Description | Size |
|----------|-----------------------------------|-----------|
| 41020001 | SoFit oxygen mask with 7ft tubing | Adult |
| 41020002 | SoFit oxygen mask with 7ft tubing | Pediatric |

Etco2 Oxygen Mask



| Code. | Description | Size |
|----------|--|-------------|
| 41080001 | ETCo2 Oxygen mask, with 7ft tubing, Male connector | Adult |
| 41080002 | ETCo2 Oxygen mask, with 7ft tubing, Male connector | Adult small |
| 41080003 | ETCo2 Oxygen mask, with 7ft tubing, Male connector | Pediatric |
| 41080004 | ETCo2 Oxygen mask, with 7ft tubing, Female connector | Adult |
| 41080005 | ETCo2 Oxygen mask, with 7ft tubing, Female connector | Adult small |
| 41080006 | ETCo2 Oxygen mask, with 7ft tubing, Female connector | Pediatric |

Non Rebreathing Mask



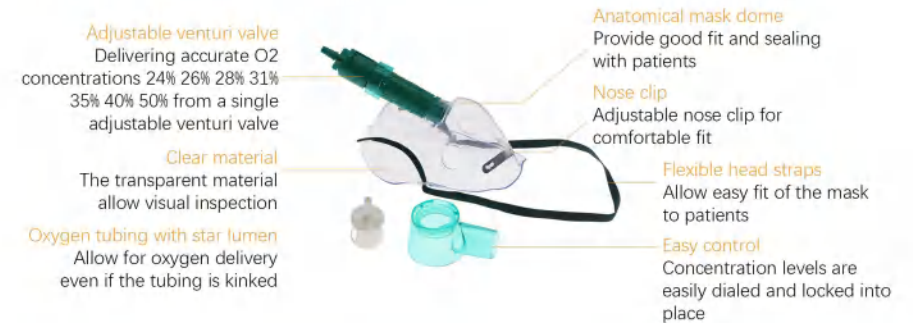
| Code | Description | Size |
|----------|---|-------------|
| 42000001 | Non-rebreathing mask, high concentration, with 7ft tubing | Adult |
| 42000002 | Non-rebreathing mask, high concentration, with 7ft tubing | Adult small |
| 42000003 | Non-rebreathing mask, high concentration, with 7ft tubing | Pediatric |
| 42000004 | Non-rebreathing mask, high concentration, with 7ft tubing | Infant |

Venturi Oxygen Mask



| Code | Description | Size |
|----------|---------------------------------|-------------|
| 43000001 | Aerosol mask only | Adult |
| 43000002 | Aerosol mask only | Adult small |
| 43000003 | Aerosol mask only | Pediatric |
| 43000004 | Aerosol mask only | Infant |
| 43002401 | Venturi mask,24% oxygen, blue | Adult |
| 43002801 | Venturi mask,28% oxygen, white | Adult |
| 43003101 | Venturi mask,31% oxygen, orange | Adult |
| 43003501 | Venturi mask,35% oxygen, yellow | Adult |
| 43004001 | Venturi mask,40% oxygen, red | Adult |
| 43005001 | Venturi mask,50% oxygen, pink | Adult |
| 43006001 | Venturi mask,60% oxygen, green | Adult |
| 43002402 | Venturi mask,24% oxygen, blue | Pediatric |
| 43002802 | Venturi mask,28% oxygen, white | Pediatric |
| 43003102 | Venturi mask,31% oxygen, orange | Pediatric |
| 43003502 | Venturi mask,35% oxygen, yellow | Pediatric |
| 43004002 | Venturi mask,40% oxygen, red | Pediatric |
| 43005002 | Venturi mask,50% oxygen, pink | Pediatric |
| 43006002 | Venturi mask,60% oxygen, green | Pediatric |
| 43001001 | Venturi mask kit, 7 diluters | Adult |
| 43001002 | Venturi mask kit, 7 diluters | Adult small |
| 43001003 | Venturi mask kit, 7 diluters | Pediatric |
| 43001004 | Venturi mask kit, 7 diluters | Infant |

Adjustable Venturi Oxygen Mask



| Code | Description | Size |
|----------|-------------------------|-------------|
| 43020001 | Adjustable Venturi mask | Adult |
| 43020002 | Adjustable Venturi mask | Adult small |
| 43020003 | Adjustable Venturi mask | Pediatric |
| 43020004 | Adjustable Venturi mask | Infant |

Tracheostomy Mask



| Code | Description | Size |
|----------|-------------------------|-----------|
| 44000001 | Tracheostomy mask | Adult |
| 44000002 | Tracheostomy mask | Pediatric |
| 44000003 | Tracheostomy mask + HME | Adult |
| 44000004 | Tracheostomy mask + HME | Pediatric |

Face Tent

Soft and clear face tent for patients with facial trauma such as burn

Under-the-chin design for excellent fit on a wide variety of face sizes



Compatible with large bore tubing for high humidity therapy

| Code | Description | Size |
|----------|---------------------------|-----------|
| 44020001 | Face tent | Adult |
| 44020002 | Face tent | Pediatric |
| 44020003 | Face tent with 6ft tubing | Adult |
| 44020004 | Face tent with 6ft tubing | Pediatric |

Oxygen Tubing



| Code | Description |
|----------|---|
| 44060180 | Oxygen tubing 1.8m standard connector |
| 44060210 | Oxygen tubing 2.1m standard connector |
| 44060400 | Oxygen tubing 4.0m standard connector |
| 44061180 | Oxygen tubing 1.8m universal connector |
| 44061210 | Oxygen tubing 2.1m universal connector |
| 44061400 | Oxygen tubing 4.0m universal connector |
| 44062180 | Oxygen tubing 1.8m standard-universal connector |
| 44062210 | Oxygen tubing 2.1m standard-universal connector |
| 44062400 | Oxygen tubing 4.0m standard-universal connector |

Oxygen Recovery T-piece With Reservoir Bag

Reservoir bag with full oxygen
To provide the reliable oxygen concentration

Bag inflation and deflation
Confirmation of respiration through T-Bag movement

6mm connector
Could be connected with oxygen tubing



Light weight
Minimal pull-on airway device

Single-use
To avoid cross infection

With filtration
To prevent contamination

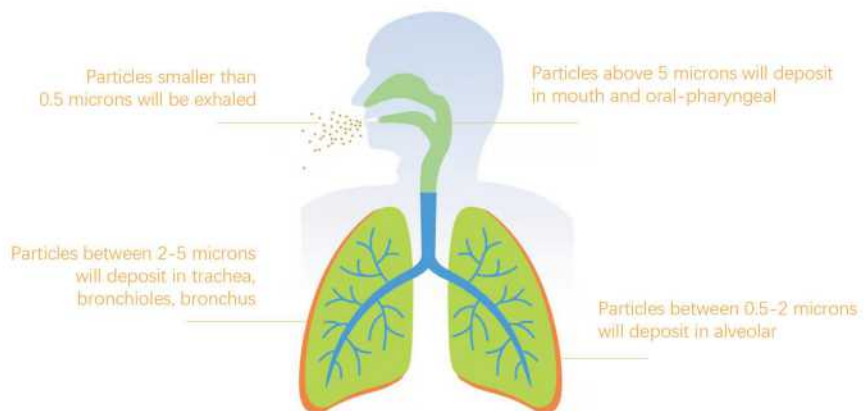
Standard 15mm connector
Could be connected with all supraglottic device

| Code | Description |
|----------|--|
| 44030001 | oxygen recovery T-piece with reservoir bag |
| 44030002 | oxygen recovery T-piece with reservoir bag with 7ft tubing |
| 44030003 | oxygen recovery T-piece with reservoir bag with 7ft tubing and oxygen mask |

Aerosol Therapy

Aerosol therapy is a technique of administering medication directly into the airway and lungs. It is an efficient drug administration method to treat respiratory disease such as COPD (chronic obstructive pulmonary disease) and asthma. There are some important characteristics about medication aerosol performance, like the drug output, the aerosol particle size generated, the nebulization time and the amount of drug delivered to the patient. And the medication aerosol performance is affected by fill volume, flow temperature and nebulizer brand. Cathwide offer a complete platform of disposable products for aerosol therapy to match different requests from end-users.

To Choose A Right Nebulizer



Nebulizer 6cc



| Code | Description | Size |
|----------|---|-------------|
| 4500600 | Nebulizer jar 6cc | N/A |
| 45010601 | Nebulizer jar 6cc with aerosol mask and 7ft oxygen tubing | Adult |
| 45010602 | Nebulizer jar 6cc with aerosol mask and 7ft oxygen tubing | Adult Small |
| 45010603 | Nebulizer jar 6cc with aerosol mask and 7ft oxygen tubing | Pediatric |
| 45010604 | Nebulizer jar 6cc with aerosol mask and 7ft oxygen tubing | Infant |
| 45020601 | Nebulizer jar 6cc with T-mouthpiece | N/A |
| 45020602 | Nebulizer jar 6cc with T-mouthpiece and corrugated tube | N/A |
| 45020603 | Nebulizer jar 6cc with angled mouthpiece | N/A |

Nebulizer 7cc



| Code | Description | Size |
|----------|--|-----------|
| 45000700 | Nebulizer jar 7cc | N/A |
| 45010701 | Nebulizer jar 7cc with straight mouthpiece | N/A |
| 45010702 | Nebulizer jar 7cc with pediatric mask | Pediatric |
| 45020701 | Nebulizer jar with adjustable valve 7cc | N/A |
| 45020702 | Nebulizer jar with adjustable valve 7cc with straight mouthpiece | N/A |
| 45020703 | Nebulizer jar with adjustable valve 7cc with pediatric mask | Pediatric |

Nebulizer 10cc



| Code | Description | Size |
|----------|--|-------------|
| 45001000 | Nebulizer jar 10cc | N/A |
| 45011001 | Nebulizer jar 10cc with aerosol mask and 7ft oxygen tubing | Adult |
| 45011002 | Nebulizer jar 10cc with aerosol mask and 7ft oxygen tubing | Adult Small |
| 45011002 | Nebulizer jar 10cc with aerosol mask and 7ft oxygen tubing | Pediatric |
| 45011002 | Nebulizer jar 10cc with aerosol mask and 7ft oxygen tubing | Infant |
| 45021001 | Nebulizer jar 10cc with T-mouthpiece | N/A |
| 45021002 | Nebulizer jar 10cc with T-mouthpiece and corrugated tube | N/A |
| 45021003 | Nebulizer jar 10cc with angled mouthpiece | N/A |

Nebulizer 20cc

Medium volume jar
Specially used for continuous medication nebulization



Highly efficient output
Less treatment time to enhance patient's comfort

Low residual volume
Reduce the drug waste

Graduation mark
Accurate drug preparation



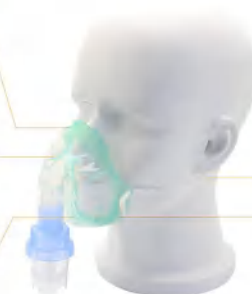
| Code | Description | Size |
|----------|--|-------------|
| 4500200 | Nebulizer jar 20cc | N/A |
| 45012001 | Nebulizer jar 20cc with aerosol mask and 7ft oxygen tubing | Adult |
| 45012002 | Nebulizer jar 20cc with aerosol mask and 7ft oxygen tubing | Adult Small |
| 45012003 | Nebulizer jar 20cc with aerosol mask and 7ft oxygen tubing | Pediatric |
| 45012004 | Nebulizer jar 20cc with aerosol mask and 7ft oxygen tubing | Infant |
| 45022001 | Nebulizer jar 20cc with T-mouthpiece | N/A |
| 45022002 | Nebulizer jar 20cc with T-mouthpiece and corrugated tube | N/A |
| 45022003 | Nebulizer jar 20cc with angled mouthpiece | N/A |

SoFit Aerosol Mask

Curved nose seal
Preventing aerosolized gas entering eye to reduce patient's eye irritation

Plastic nose bridge
Removal of metal nose clip to eliminate the risk of patient injury

Short chin position
Provide excellent fit on different patient face shapes



Non-PVC material
Lighter weight for better comfort; For patient's better safety

Flexible head straps
Could be positioned under the ears

Soft cushion
Provide excellent comfort and seal

| Code | Description | Size |
|----------|--|-----------|
| 45200001 | SoFit aerosol mask | Adult |
| 45200002 | SoFit aerosol mask | Pediatric |
| 45200601 | Nebulizer jar 6cc with SoFit aerosol mask and 7ft oxygen tubing | Adult |
| 45200602 | Nebulizer jar 6cc with SoFit aerosol mask and 7ft oxygen tubing | Pediatric |
| 45201001 | Nebulizer jar 10cc with SoFit aerosol mask and 7ft oxygen tubing | Adult |
| 45201002 | Nebulizer jar 10cc with SoFit aerosol mask and 7ft oxygen tubing | Pediatric |

Mouthpieces and T-pieces

| Code | Description |
|----------|-------------------|
| 45500001 | Angled mouthpiece |



| Code | Description |
|----------|--------------|
| 45500002 | T-mouthpiece |



| Code | Description |
|----------|---------------------|
| 45500003 | Straight mouthpiece |



The background features a light gray gradient with several overlapping, wavy, horizontal bands. On the left and right sides, there are large, stylized, gray letters that appear to be part of a logo or brand name, possibly 'KLE' or similar, arranged in a circular or semi-circular pattern.

RESUSCITATION

- Reusable Silicone Resuscitator Set
- Disposable PVC Resuscitator Set
- Accessories
- CPR Mask

Resuscitation

Manual resuscitation bags, also commonly named as bag valve mask (BVM) are used primarily for resuscitation and manual ventilation. It ventilates the patient by providing the highest possible oxygen concentration levels, achieving 95%-100%. Cathwido offer a full range of disposable resuscitation bag and reusable resuscitation bag in adult, pediatric and infant. All products will come with set which could be used immediately in medical emergencies.



Resuscitator bag

Available with different volume and self-inflating
Non-rebreathing valve with pressure relief
 To release the pressure once above 60 cmH₂O for adult and above 40 cmH₂O for pediatric and infant



Expiratory valve

To release the exhaled air into the atmosphere
Non-return lip valve
 Providing one way flow of oxygen gas from the bag to the patient



Intake valve

Air-inlet one-way valve and oxygen reservoir socket
Diaphragm
 To release the excess gas(O₂) when the oxygen flow is too high
Diaphragm
 To suck in the ambient air when the oxygen flow is too low



Face mask

Available with various size for different patient group



Reservoir bag

Available with different volume



Inlet tube

2.1m oxygen tubing

Reusable Silicone Resuscitator Set



| Code | Size | Resuscitator Bag Volume | Reservoir Bag Volume | Mask Material | Mask Size | Oxygen Tubing Length | Pack |
|----------|--------|-------------------------|----------------------|---------------|-----------|----------------------|--------|
| 39000101 | Adult | 1500ml | 2000ml | Silicone | 5# | 2.1m | PP box |
| 39000102 | Child | 550ml | 1600ml | Silicone | 2# | 2.1m | PP box |
| 39000103 | Infant | 280ml | 1600ml | Silicone | 1# | 2.1m | PP box |

Reusable Silicone Resuscitator Set With PEEP Valve



| Code | Size | Resuscitator Bag Volume | Reservoir Bag Volume | Mask Material | Mask Size | Oxygen Tubing Length | Pack |
|----------|--------|-------------------------|----------------------|---------------|-----------|----------------------|--------|
| 39000201 | Adult | 1500ml | 2000ml | Silicone | 5# | 2.1m | PP box |
| 39000202 | Child | 550ml | 1600ml | Silicone | 2# | 2.1m | PP box |
| 39000203 | Infant | 280ml | 1600ml | Silicone | 1# | 2.1m | PP box |

Disposable PVC Resuscitator Set



| Code | Size | Resuscitator Bag Volume | Reservoir Bag Volume | Mask Material | Mask Size | Oxygen Tubing Length | Pack |
|----------|--------|-------------------------|----------------------|---------------|-----------|----------------------|--------|
| 39000301 | Adult | 1500ml | 2000ml | PVC | 4# | 2.1m | PE bag |
| 39000302 | Child | 550ml | 1600ml | PVC | 2# | 2.1m | PE bag |
| 39000303 | Infant | 280ml | 1600ml | PVC | 1# | 2.1m | PE bag |

Accessories

PEEP Valve / Reusable

| Code | Pressure range | Connector | Color |
|----------|----------------|-----------|-------|
| 39200000 | 5-20 cmH2O | 30mm ID | Black |
| 39200100 | 5-20 cmH2O | 30mm ID | Blue |



PEEP Adaptor/Reusable

| Code | Connector | Color |
|----------|--------------------|-------|
| 39300000 | 22mm I.D 30mm O.D. | Black |



Reservoir Bag/Disposable

| Code | Volume | Material |
|----------|--------|----------|
| 39401600 | 1600ml | EVA |
| 39402000 | 2000ml | EVA |



Storage Box/Reusable

| Code | Color | Material |
|----------|-------|----------|
| 39501100 | white | PP |



CPR Mask



Safe rescue

Safely deliver rescue breaths and protect patients against cross infection

One way valve

This prevents reflux contamination whilst allowing gas escape through side vents

Pre-filled cushion

To provide excellent seal and ready-to use

Latex free straps

Eliminate the risk of reaction

Transparent dome

Allowing rescuer to visually

| Code | Pack | Adult Mask | Infant Mask | One Way Valve | Wipes | Gloves |
|----------|-----------|------------|-------------|---------------|-------|--------|
| 39500001 | PE bag | 1pc | / | 1pc | / | / |
| 39500002 | PP box | 1pc | / | 1pc | / | / |
| 39500003 | PP box | 1pc | / | 1pc | 2pcs | 1 pair |
| 39500004 | Nylon bag | 1pc | 1pc | 2pcs | 2pcs | 1 pair |



GASTROENTEROLOGY

- Enteral Nutrition
- ENFit Feeding Tubes
- Feeding Nasogastric Tubes
 - Stomach Tube
- Umbilical Catheter
- Enema

Enteral Nutrition

Enteral nutrition (EN) is defined as the delivery of nutrients beyond the esophagus via feeding tubes for special medical purposes. There are multiple types of feeding tubes and many reasons why a feeding tube may be needed. Each situation is different, and the decision to have a feeding tube placed permanently is a very different thing than allowing a temporary tube to be in place. Cathwite offer a full range of feeding tube in different types and lengths for different indication.

Gravity Feeding Set



Key Features:

- Gravity sets designed for use in the absence of a feeding pump
- For use with feeding tubes only
- Easy-to-read graduation on the bag
- With Robert clamp and adjuster
- ENFit® connection is available
- Nonsterile

| Code | Description |
|----------|----------------------------|
| 50001200 | 1200ml Gravity feeding set |

ENFit® Enteral Feeding Connector

What is ENFit®?

To improve patient safety, as per ISO-80369-3 standard, manufacturers of enteral devices are required to change the way enteral feeding sets and syringes connect to feeding tubes. The name of the new connection is ENFit®.



Key Features:

- To reduce risks of improper tubing connections
- Does not allow connectivity with any other connector for any other clinical use
- Purple color denotes enteral feeding, not IV access
- Attached cap covers the proximal end and can be closed during periods of nonuse or transport

Infant Feeding Tube With ENFit® Connector



Key Features:

- Made from medical grade PVC
- Closed tip with two side eyes
- Radiopaque for detection by X-ray

| Size | 40cm | 50cm | 80cm | 103cm |
|------|----------|----------|----------|----------|
| Fr4 | 50104040 | 50104050 | 50104080 | 50104103 |
| Fr5 | 50105040 | 50105050 | 50105080 | 50105103 |
| Fr6 | 50106040 | 50106050 | 50106080 | 50106103 |
| Fr8 | 50108040 | 50108050 | 50108080 | 50108103 |
| Fr10 | 50110040 | 50110050 | 50110080 | 50110103 |

RYLES Feeding Nasogastric Tube

With Weighted Metal Tip And ENFit® Connector



Key Features:

- Made from medical grade PVC
- Closed weighted metal tip with four side eyes
- Radiopaque for detection by X-ray

| Code | Size | Length |
|----------|------|--------|
| 50208120 | Fr8 | 120cm |
| 50210120 | Fr10 | 120cm |
| 50212120 | Fr12 | 120cm |
| 50214120 | Fr14 | 120cm |
| 50216120 | Fr16 | 120cm |

RYLES Feeding Nasogastric Tube With X-ray Tip And ENFit® Connector

Key Features:

- Made from medical grade PVC
- Closed barium-filled tip with four side eyes
- Radiopaque for detection by X-ray



| Code | Size | Length |
|----------|------|--------|
| 50412120 | Fr12 | 120cm |
| 50414120 | Fr14 | 120cm |
| 50416120 | Fr16 | 120cm |
| 50418120 | Fr18 | 120cm |
| 50420120 | Fr20 | 120cm |

LEVIN Feeding Nasogastric Tube With ENFit® Connector

Key Features:

- Made from medical grade PVC
- Open tip with four side eyes
- Radiopaque for detection by X-ray



| Code | Size | Length |
|----------|------|--------|
| 50305120 | Fr5 | 120cm |
| 50306120 | Fr6 | 120cm |
| 50308120 | Fr8 | 120cm |
| 50310120 | Fr10 | 120cm |
| 50312120 | Fr12 | 120cm |
| 50314120 | Fr14 | 120cm |

Feeding Tubes

Infant Feeding Nasogastric Tube

Key Features:

- Made from medical grade PVC
- Closed tip with two side eyes
- Color coded for size identification
- Attached cap covers the proximal end
- Individual blister/PE package



| Size | Color Code | 40cm | 50cm | 80cm | 103cm |
|------|-------------|----------|----------|----------|----------|
| Fr4 | Dark red | 51004040 | 51004050 | 51004080 | 51004103 |
| Fr5 | Grey | 51005040 | 51005050 | 51005080 | 51005103 |
| Fr6 | Light green | 51006040 | 51006050 | 51006080 | 51006103 |
| Fr7 | Purple | 51007040 | 51007050 | 51007080 | 51007103 |
| Fr8 | Light blue | 51008040 | 51008050 | 51008080 | 51008103 |
| Fr10 | Black | 51010040 | 51010050 | 51010080 | 51010103 |

RYLES Feeding Nasogastric Tube With Weighted Metal Tip

Key Features:

- Made from medical grade PVC
- Stainless steel weighted tip for better positioning and intubation
- Four side eyes
- With funnel connector
- With or without detectable X-ray line
- DEHP Free available;
- Sterile, individual peel pouches



| Size | Color code | Length | Code | |
|------|-------------|--------|----------------------|---------------------|
| | | | With X-ray Line Tube | w/o X-ray Line Tube |
| Fr6 | Light green | 120cm | 52306125 | 52406125 |
| Fr8 | Light blue | 120cm | 52308125 | 52408125 |
| Fr10 | Black | 120cm | 52310125 | 52410125 |
| Fr12 | White | 120cm | 52312125 | 52412125 |
| Fr14 | Green | 120cm | 52314125 | 52414125 |
| Fr16 | Orange | 120cm | 52316125 | 52416125 |
| Fr18 | Red | 120cm | 52318125 | 52418125 |

RYLES Feeding Nasogastric Tube With X-ray Tip

Key Features:

- Made from medical grade PVC
- Closed barium-filled tip for X-ray visualization
- Four side eyes
- Color coded for size identification
- Individual blister package



With DualFit Connector

Proximal end is provided with dual type universal funnel shape connector and female luer mount with closure cap.



| Code | Size | Color Code | Length |
|----------|------|------------|--------|
| 52012120 | Fr12 | White | 120cm |
| 52014120 | Fr14 | Green | 120cm |
| 52016120 | Fr16 | Orange | 120cm |
| 52018120 | Fr18 | Red | 120cm |
| 52020120 | Fr20 | Yellow | 120cm |

With FlexFit Connector

Proximal end is provided with universal funnel shape connector and additional connector with cap to meet different usage.



| Code | Size | Color Code | Length |
|----------|------|------------|--------|
| 52112120 | Fr12 | White | 120cm |
| 52114120 | Fr14 | Green | 120cm |
| 52116120 | Fr16 | Orange | 120cm |
| 52118120 | Fr18 | Red | 120cm |
| 52120120 | Fr20 | Yellow | 120cm |

Duodenal Tube

Key Features:

- For active aspiration, injection, feeding, etc.
- Available in closed tip or open tip
- Four side eyes
- With funnel connector
- With or without detectable X-ray line
- Sterile, individual peel pouches



| Size | Color Code | Length | Closed End With X-ray | Closed End w/o X-ray | Open End With X-ray | Open End w/o X-ray |
|------|-------------|--------|-----------------------|----------------------|---------------------|--------------------|
| Fr6 | Light green | 120cm | 53006120 | 53106120 | 53206120 | 53306120 |
| Fr8 | Light blue | 120cm | 53008120 | 53108120 | 53208120 | 53308120 |
| Fr10 | Black | 120cm | 53010120 | 53110120 | 53210120 | 53310120 |
| Fr12 | White | 120cm | 53012120 | 53112120 | 53212120 | 53312120 |
| Fr14 | Green | 120cm | 53014120 | 53114120 | 53214120 | 53314120 |
| Fr16 | Orange | 120cm | 53016120 | 53116120 | 53216120 | 53316120 |
| Fr18 | Red | 120cm | 53018120 | 53118120 | 53218120 | 53318120 |
| Fr20 | Yellow | 120cm | 53020120 | 53120120 | 53220120 | 53320120 |
| Fr22 | Violet | 120cm | 53022120 | 53122120 | 53222120 | 53322120 |

Stomach Tube (Esophageal Tube)

Key Features:

- Designed for gastric lavage, washout or other gastric procedures
- Made from medical grade PVC
- Closed tip with two side eyes
- With funnel connector
- Sterile, individual peel pouches



| Code | Size | Color Code | Length |
|----------|------|------------|--------|
| 53410078 | Fr10 | Black | 78cm |
| 53412078 | Fr12 | White | 78cm |
| 53414078 | Fr14 | Green | 78cm |
| 53416078 | Fr16 | Orange | 78cm |
| 53418078 | Fr18 | Red | 78cm |
| 53420078 | Fr20 | Yellow | 78cm |
| 53422078 | Fr22 | Violet | 78cm |
| 53424078 | Fr24 | Navy | 78cm |
| 53426078 | Fr26 | White | 78cm |

Silicone Gastric Tubes

Silicone Gastric Tube is intended for the enteral feeding and gastric suction and irrigation purposes. These single lumen tubes feature graduated measurement indicators for proper depth insertion. Users are recommended to intubate this tube through both nasal and oral passage.



Key Features:

- Made from 100% medical grade silicone for superior biocompatibility.
- Proper softness and excellent flexibility for enhanced patient comfort.
- Transparent tube allows for easy visual inspection.
- X-ray opaque line through the whole tube.
- Depth marking for accurate placement.
- Attached cap for secured sealing.
- Double sterilized packaging.
- Length: 120cm

| Code | Size |
|----------|------|
| 55008040 | Fr8 |
| 55010040 | Fr10 |
| 55012040 | Fr12 |
| 55014040 | Fr14 |
| 55016040 | Fr16 |
| 55018040 | Fr18 |
| 55020040 | Fr20 |
| 55022040 | Fr22 |

Gastrostomy Feeding Tube

A gastrostomy feeding tube (also called a G-tube) is a tube inserted through the abdomen that delivers nutrition directly to the stomach, and it is designed for long term external nutrition. It's used to supply nutrition when you have trouble eating or swallowing.



Key Features:

- Made from 100% medical grade silicone for superior biocompatibility
- The gastric balloon for a secure and comfortable fit
- Circular skin disk easily adjusts to maintain proper tube position and allow stoma observation

| Code | Size | Balloon Volume | Color Code |
|----------|------|----------------|------------|
| 55112024 | Fr12 | 5ml | White |
| 55114024 | Fr14 | 5ml | Green |
| 55116024 | Fr16 | 20ml | Orange |
| 55118024 | Fr18 | 20ml | Red |
| 55120024 | Fr20 | 20ml | Yellow |
| 55122024 | Fr22 | 20ml | Purple |
| 55124024 | Fr24 | 20ml | Blue |

Bulb Irrigation Syringe



Key Features:

- Syringe features a soft, pliable bulb for maximum control of drawn or expelled volume
- Easy to grip and use with only one hand, the control-bulb is designed to stand on end, making it excellent for use in clinical settings
- For enteral feeding, bladder and wound irrigation, and aspirating fluids
- Bulb portion can be separated from barrel for ease of cleaning

| Code | Size |
|----------|------|
| 55606000 | 60ml |

Umbilical Catheter

Key Features:

- Designed for intermittent or continual access to the umbilical artery or vein of the newly born or premature baby
- Can be used with venous or arterial routes for infusion, transfusion, administration of medication, blood sampling, pressure measurement etc.
- Made from medical grade PVC
- Color coded connector for easy identification of size
- Clear scale markings at every cm between 4cm and 25cm from tip
- Open distal end without lateral eyes
- Tube with radio-opaque line throughout its length
- Sterile, individual peel pouches



| Code | Size | Color Code | Length |
|----------|------|-------------|--------|
| 54004040 | Fr4 | Dark red | 40cm |
| 54005040 | Fr5 | Grey | 40cm |
| 54006040 | Fr6 | Light green | 40cm |
| 54008040 | Fr8 | Light blue | 40cm |
| 54010040 | Fr10 | Black | 40cm |

Enema Enema Bag Set

Key Features:

- Designed to provide necessary components to perform comfortable and safe procedure
- One-way bag valve helps prevent solution spills
- Pre-lubricated tip for easy and comfortable insertion
- Set includes 54" tubing, water-proof drape, and soap packet
- Capacity: 1500ml
- Nonsterile



| Code | Description |
|----------|----------------------|
| 56011500 | 1500ml Enema bag set |

Rectal Catheter

Rectal Catheters are made of PVC material with opening eyes. They are used for administration of enema solution or medication into the rectum.

Key Features:

- Made from medical grade PVC
- Smooth coned distal tip for atraumatic insertion
- Two lateral eyes for efficient drainage
- Funnel shape connector for easy connection to all suction equipment
- Color-coded connectors for easy identification



| Code | Size | Length |
|----------|------|--------|
| 56118040 | Fr18 | 40cm |
| 56120040 | Fr20 | 40cm |
| 56122040 | Fr22 | 40cm |
| 56124040 | Fr24 | 40cm |
| 56126040 | Fr26 | 40cm |
| 56128040 | Fr28 | 40cm |
| 56130040 | Fr30 | 40cm |
| 56132040 | Fr32 | 40cm |
| 56134040 | Fr34 | 40cm |
| 56136040 | Fr36 | 40cm |

Lubricating Jelly

Key Features:

- Water-soluble jelly is ideal for lubrication of catheters before insertion
- Spreads easily over rubber, metal appliances, instruments and natural or synthetic textiles to form a transparent lubricating film
- Harmless to human tissue
- Non-irritating, Non-staining, Non-greasy
- Gamma sterilized to meet AAM/ANS/ISO11137 standard
- Adheres well, yet washes away easily



| Code | Description |
|----------|---|
| 31625270 | Lubricating Jelly in Foil Pack, 2.7 g |
| 31625050 | Lubricating Jelly in Foil Pack, 5 g |
| 31626002 | Lubricating Jelly in Flip-Top Tube, 2 oz. |
| 31626004 | Lubricating Jelly in Flip-Top Tube, 4 oz |



SUCTION SYSTEM







- Suction Catheter
- Oro-Pharyngeal Suction Devices
- Yankauer Suction Instrument

Suction catheters

A suction catheter is a medical device used to remove respiratory secretions from the airway, such as mucus or saliva from the upper airway. The purpose of suctioning is to keep the airway clear of secretions and to prevent blockage. One end of suction catheter is connected to a collection container (suction canister) and a device that generates suction. The open end is advanced through the airway (Endotracheal or Tracheostomy Tube) to remove secretions. Cathwide provides a wide range of suction catheter, including the various types of connectors, the different length of the tube, the various types of tips.



Connectors

| | | |
|---|---|---|
|  |  |  |
| T type thumb tip control | Cap-Con | Plain |
|  |  |  |
| Y type fingertip control | Y type Clear | Y type ClearBlue |

Color Code

| Fr4 | Fr5 | Fr6 | Fr7 | Fr8 | Fr10 | Fr12 | Fr14 | Fr16 | Fr18 | Fr20 |
|----------|------|-------------|--------|------------|-------|-------|-------|--------|------|--------|
| ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ | ■ |
| Dark red | Grey | Light green | Purple | Light blue | Black | White | Green | Orange | Red | Yellow |

Tips

| | | |
|---|---|---|
|  |  |  |
| Rounded tip | Beveled tip | Ring tip |
|  |  |  |
| Curved tip | Mully tip | Heated tip |

Common Benefits

- Made of medical grade PVC
- Color coded suction connector
- Sterile individual peel pouches
- Smooth outer surface for easy insertion
- Length: 50cm, and 40cm and 60cm are available

Suction Catheter Rounded Tip



Key Features:

- Atraumatic and soft-rounded tip

| Size | OD (mm) | Length | Y Type | T Type | Plain | Cap-con |
|------|---------|--------|----------|----------|----------|----------|
| Fr4 | 1.33 | 50cm | 60004050 | 60104050 | 60204050 | 60304050 |
| Fr5 | 1.7 | 50cm | 60005050 | 60105050 | 60205050 | 60305050 |
| Fr6 | 2 | 50cm | 60006050 | 60106050 | 60206050 | 60306050 |
| Fr7 | 2.3 | 50cm | 60007050 | 60107050 | 60207050 | 60307050 |
| Fr8 | 2.7 | 50cm | 60008050 | 60108050 | 60208050 | 60308050 |
| Fr10 | 3.3 | 50cm | 60010050 | 60110050 | 60210050 | 60310050 |
| Fr12 | 4 | 50cm | 60012050 | 60112050 | 60212050 | 60312050 |
| Fr14 | 4.7 | 50cm | 60014050 | 60114050 | 60214050 | 60314050 |
| Fr16 | 5.3 | 50cm | 60016050 | 60116050 | 60216050 | 60316050 |
| Fr18 | 6 | 50cm | 60018050 | 60118050 | 60218050 | 60318050 |
| Fr20 | 6.7 | 50cm | 60020050 | 60120050 | 60220050 | 60320050 |

Suction Catheter Beveled Tip



Key Features:

- Atraumatic, soft-rounded and beveled open tip

| Size | OD (mm) | Length | Y Type | T Type | Plain | Cap-con |
|------|---------|--------|----------|----------|----------|----------|
| Fr4 | 1.33 | 50cm | 61004050 | 61104050 | 61204050 | 61304050 |
| Fr5 | 1.7 | 50cm | 61005050 | 61105050 | 61205050 | 61305050 |
| Fr6 | 2 | 50cm | 61006050 | 61106050 | 61206050 | 61306050 |
| Fr7 | 2.3 | 50cm | 61007050 | 61107050 | 61207050 | 61307050 |
| Fr8 | 2.7 | 50cm | 61008050 | 61108050 | 61208050 | 61308050 |
| Fr10 | 3.3 | 50cm | 61010050 | 61110050 | 61210050 | 61310050 |
| Fr12 | 4 | 50cm | 61012050 | 61112050 | 61212050 | 61312050 |
| Fr14 | 4.7 | 50cm | 61014050 | 61114050 | 61214050 | 61314050 |
| Fr16 | 5.3 | 50cm | 61016050 | 61116050 | 61216050 | 61316050 |
| Fr18 | 6 | 50cm | 61018050 | 61118050 | 61218050 | 61318050 |
| Fr20 | 6.7 | 50cm | 61020050 | 61120050 | 61220050 | 61320050 |

Suction Catheter Ring Tip



Key Features:

- The ring tip for bronchial tissue protection

| Size | OD(mm) | Length | Y Type | T Type | Plain | Cap-con |
|------|--------|--------|----------|----------|----------|----------|
| Fr4 | 1.33 | 50cm | 62004050 | 62104050 | 62204050 | 62304050 |
| Fr5 | 1.7 | 50cm | 62005050 | 62105050 | 62205050 | 62305050 |
| Fr6 | 2 | 50cm | 62006050 | 62106050 | 62206050 | 62306050 |
| Fr7 | 2.3 | 50cm | 62007050 | 62107050 | 62207050 | 62307050 |
| Fr8 | 2.7 | 50cm | 62008050 | 62108050 | 62208050 | 62308050 |
| Fr10 | 3.3 | 50cm | 62010050 | 62110050 | 62210050 | 62310050 |
| Fr12 | 4 | 50cm | 62012050 | 62112050 | 62212050 | 62312050 |
| Fr14 | 4.7 | 50cm | 62014050 | 62114050 | 62214050 | 62314050 |
| Fr16 | 5.3 | 50cm | 62016050 | 62116050 | 62216050 | 62316050 |
| Fr18 | 6 | 50cm | 62018050 | 62118050 | 62218050 | 62318050 |
| Fr20 | 6.7 | 50cm | 62020050 | 62120050 | 62220050 | 62320050 |

Suction Catheter Curved Tip



Key Features:

- Designed for endobronchial tube suction, to easily access to the right or the left bronchus

| Size | OD(mm) | Length | Y Type | T Type | Plain | Cap-con |
|------|--------|--------|----------|----------|----------|----------|
| Fr4 | 1.33 | 50cm | 63004050 | 63104050 | 63204050 | 63304050 |
| Fr5 | 1.7 | 50cm | 63005050 | 63105050 | 63205050 | 63305050 |
| Fr6 | 2 | 50cm | 63006050 | 63106050 | 63206050 | 63306050 |
| Fr7 | 2.3 | 50cm | 63007050 | 63107050 | 63207050 | 63307050 |
| Fr8 | 2.7 | 50cm | 63008050 | 63108050 | 63208050 | 63308050 |
| Fr10 | 3.3 | 50cm | 63010050 | 63110050 | 63210050 | 63310050 |
| Fr12 | 4 | 50cm | 63012050 | 63112050 | 63212050 | 63312050 |
| Fr14 | 4.7 | 50cm | 63014050 | 63114050 | 63214050 | 63314050 |
| Fr16 | 5.3 | 50cm | 63016050 | 63116050 | 63216050 | 63316050 |
| Fr18 | 6 | 50cm | 63018050 | 63118050 | 63218050 | 63318050 |
| Fr20 | 6.7 | 50cm | 63020050 | 63120050 | 63220050 | 63320050 |

Suction Catheter Mully Tip



Key Features:

- Two opposing eyes at the central opening reduce suction blockages

| Size | OD(mm) | Length | Y Type | T Type | Plain | Cap-con |
|------|--------|--------|----------|----------|----------|----------|
| Fr4 | 1.33 | 50cm | 64004050 | 64104050 | 64204050 | 64304050 |
| Fr5 | 1.7 | 50cm | 64005050 | 64105050 | 64205050 | 64305050 |
| Fr6 | 2 | 50cm | 64006050 | 64106050 | 64206050 | 64306050 |
| Fr7 | 2.3 | 50cm | 64007050 | 64107050 | 64207050 | 64307050 |
| Fr8 | 2.7 | 50cm | 64008050 | 64108050 | 64208050 | 64308050 |
| Fr10 | 3.3 | 50cm | 64010050 | 64110050 | 64210050 | 64310050 |
| Fr12 | 4 | 50cm | 64012050 | 64112050 | 64212050 | 64312050 |
| Fr14 | 4.7 | 50cm | 64014050 | 64114050 | 64214050 | 64314050 |
| Fr16 | 5.3 | 50cm | 64016050 | 64116050 | 64216050 | 64316050 |
| Fr18 | 6 | 50cm | 64018050 | 64118050 | 64218050 | 64318050 |
| Fr20 | 6.7 | 50cm | 64020050 | 64120050 | 64220050 | 64320050 |

Suction Catheter Heated Tip



Key Features:

- The heated technical makes the edges of tip smoother

| Size | OD (mm) | Length | Y Type | T Type | Plain | Cap-con |
|------|---------|--------|----------|----------|----------|----------|
| Fr4 | 1.33 | 50cm | 65004050 | 65104050 | 65204050 | 65304050 |
| Fr5 | 1.7 | 50cm | 65005050 | 65105050 | 65205050 | 65305050 |
| Fr6 | 2 | 50cm | 65006050 | 65106050 | 65206050 | 65306050 |
| Fr7 | 2.3 | 50cm | 65007050 | 65107050 | 65207050 | 65307050 |
| Fr8 | 2.7 | 50cm | 65008050 | 65108050 | 65208050 | 65308050 |
| Fr10 | 3.3 | 50cm | 65010050 | 65110050 | 65210050 | 65310050 |
| Fr12 | 4 | 50cm | 65012050 | 65112050 | 65212050 | 65312050 |
| Fr14 | 4.7 | 50cm | 65014050 | 65114050 | 65214050 | 65314050 |
| Fr16 | 5.3 | 50cm | 65016050 | 65116050 | 65216050 | 65316050 |
| Fr18 | 6 | 50cm | 65018050 | 65118050 | 65218050 | 65318050 |
| Fr20 | 6.7 | 50cm | 65020050 | 65120050 | 65220050 | 65320050 |

Latex Suction Catheter

Key Features:

- These flexible suction catheters are radiopaque and used for x-ray
- Made of latex for excellent resilience
- Smooth outer surface for easy insertion
- Sterile individual peel pouches
- Color coded suction connector



| Size | Length | Color | T Type |
|------|--------|-------------|----------|
| Fr6 | 40cm | Light green | 66106040 |
| Fr8 | 40cm | Light blue | 66108040 |
| Fr10 | 40cm | Black | 66110040 |
| Fr12 | 40cm | White | 66112040 |
| Fr14 | 40cm | Green | 66114040 |
| Fr16 | 40cm | Orange | 66116040 |
| Fr18 | 40cm | Red | 66118040 |

Oro-Pharyngeal Suction Devices

Mucus Extractors

Key Features:

- 25ml Trap;
- Available with Fr6, Fr8, Fr10, Fr12, Fr14 suction catheter
- Made of medical grade PVC
- Sterile individual peel pouches
- Color coded suction connector;
- Available with different length
- Available with different suction connectors



| Code | Trap Capacity | Catheter Length | Catheter Size |
|----------|---------------|-----------------|---------------|
| 66006250 | 25ml | 25cm | Fr6 |
| 66008250 | 25ml | 25cm | Fr8 |
| 66010250 | 25ml | 25cm | Fr10 |
| 66012250 | 25ml | 25cm | Fr12 |
| 66014250 | 25ml | 25cm | Fr14 |

Yankauer Suction Instrument

Developed around 1907 by American otolaryngologist Sidney Yankauer, the Yankauer suction instrument has become the most commonly used medical suction instrument in the world. Commonly used to prevent aspiration, the Yankauer tip is also used to clear operative sites during surgical procedures—including, of course, the surgery for which the tip was originally developed: the tonsillectomy. Cathwide offers a wide selection of Yankauer tip and suction connecting tube for different application.

Suction Yankauer Handle

Key Features:

- The lateral eyes positioned near the tip for continuous and easy suctioning;
- A choice of with or without fingertip vacuum control
- Blockages or obstruction are easily visualized through the transparent tube
- The smooth inner lumen helps maintain the level of suction;

Crown Tip



| Code | Type of Tip | Vacuum Control |
|----------|-------------|----------------|
| 67010001 | Crown tip | Vented |
| 67010002 | Crown tip | No Vent |

Plain Tip



| Code | Type of Tip | Vacuum Control |
|----------|-------------|----------------|
| 67010003 | Plain tip | Vented |
| 67010004 | Plain tip | No Vent |

Flexible Suction Yankauer Handle

Key Features:

- Open tips for better visibility at the suction location
- Smooth, uniform inner surface for rapid evacuation
- A choice of with or without fingertip vacuum control
- Blockages or obstruction are easily visualized through the transparent tube
- Durable construction helps aid patient safety



| Code | Eyes | Vacuum Control |
|----------|---------------|----------------|
| 67010005 | Two eyes tip | Vented |
| 67010006 | Two eyes tip | No Vent |
| 67010007 | Four eyes tip | Vented |
| 67010008 | Four eyes tip | No Vent |

Suction Tubing

Key Features:

- The wall thickness prevents the tube from collapsing under high negative pressure
- The universal female connector provides a secure connection to the handle and source
- Blockages or obstruction are easily visualized through the transparent tube
- Full range of lengths and diameters available
- Sterile, double wrapped individual peel pouches



| Length(m) | Inner Diameter 5mm 3/16 " | Inner Diameter 6mm 1/4 " | Inner Diameter 7mm 9/32 " |
|-----------|------------------------------|-----------------------------|------------------------------|
| 1.8 | 67118316 | 67118014 | 67118932 |
| 2.0 | 67120316 | 67120014 | 67120932 |
| 2.5 | 67125316 | 67125014 | 67125932 |
| 3.0 | 67130316 | 67130014 | 67130932 |
| 3.6 | 67136316 | 67136014 | 67136932 |

Suction Yankauer Set

Key Features:

- Available with full size of suction tube and all types of suction Yankauer handle to meet with different application.









| Suction Tubing | | Suction Yankauer Handle | | | | |
|----------------|---------|-------------------------|------------------|----------|------------------|----------|
| Length (m) | ID (mm) | ID (inch) | Crown Tip Vented | No vent | Plain Tip Vented | No vent |
| 1.8 | 5 | 3/16 " | 67218316 | 67318316 | 67418316 | 67518316 |
| 1.8 | 6 | 1/4 " | 67218014 | 67318014 | 67418014 | 67518014 |
| 1.8 | 7 | 9/32 " | 67218932 | 67318932 | 67418932 | 67518932 |
| 2.0 | 5 | 3/16 " | 67220316 | 67320316 | 67420316 | 67520316 |
| 2.0 | 6 | 1/4 " | 67220014 | 67320014 | 67420014 | 67520014 |
| 2.0 | 7 | 9/32 " | 67220932 | 67320932 | 67420932 | 67520932 |
| 2.5 | 5 | 3/16 " | 67225316 | 67325316 | 67425316 | 67525316 |
| 2.5 | 6 | 1/4 " | 67225014 | 67325014 | 67425014 | 67525014 |
| 2.5 | 7 | 9/32 " | 67225932 | 67325932 | 67425932 | 67525932 |
| 3.0 | 5 | 3/16 " | 67230316 | 67330316 | 67430316 | 67530316 |
| 3.0 | 6 | 1/4 " | 67230014 | 67330014 | 67430014 | 67530014 |
| 3.0 | 7 | 9/32 " | 67230932 | 67330932 | 67430932 | 67530932 |
| 3.6 | 5 | 3/16 " | 67236316 | 67336316 | 67436316 | 67536316 |
| 3.6 | 6 | 1/4 " | 67236014 | 67336014 | 67436014 | 67536014 |
| 3.6 | 7 | 9/32 " | 67236932 | 67336932 | 67436932 | 67536932 |

Capped Vacuum Control Connector

| Code | Type |
|----------|-------------|
| 68000000 | Sterile |
| 68000001 | Non-sterile |



Connectors

| | | | |
|---|---|---|-----------------------------------|
|  | 68001001 Green connector |  | 68001004 Mini connector |
|  | 68001002 Clear connector |  | 68001005 With cap |
|  | 68001003 'Cut to Fit' connector |  | 68001006 With adaptor |

WOUND DRAINAGE

- Perforated Drain
- Channel Drain
- Silicone Reservoir
- Penrose Drain
- Three-Spring Evacuator Set
- Low-Vacuum Wound Drainage System
- High-Vacuum Wound Drainage System
- Thoracic Catheter
- Chest Drainage System

Perforated Flat Drain

Key Features:

- Two-piece design
- Injection molded for strength and drain integrity
- Inner ribbing prevents the drain from collapsing and clogging
- The soft material ensures good tissue compatibility
- Available with fully perforated and 3/4 perforated;
- Fully radiopaque tube for X-ray detection



| Code | Height*Width | Length | Perforation | Trocar |
|----------|--------------|--------|-------------|--------|
| 70011001 | 3mm*7mm | 20cm | 3/4 | N |
| 70011002 | 4mm*10mm | 20cm | 3/4 | N |
| 70011003 | 3mm*7mm | 20cm | Full | N |
| 70011004 | 4mm*10mm | 20cm | Full | N |
| 70012001 | 3mm*7mm | 20cm | 3/4 | Y |
| 70012001 | 4mm*10mm | 20cm | 3/4 | Y |
| 70012001 | 3mm*7mm | 20cm | Full | Y |
| 70012001 | 4mm*10mm | 20cm | Full | Y |

Perforated Round Drain

Key Features:

- One-piece design and hubless
- The soft material ensures good tissue compatibility
- Fully radiopaque tube for X-ray detection



| Code with Trocar | Code w/o Trocar | Size | Perforation |
|------------------|-----------------|------|-------------|
| 70021007 | 70022007 | Fr7 | End |
| 70021010 | 70022010 | Fr10 | End |
| 70021012 | 70022012 | Fr12 | End |
| 70021014 | 70022014 | Fr14 | End |
| 70021015 | 70022015 | Fr15 | End |
| 70021016 | 70022016 | Fr16 | End |
| 70021018 | 70022018 | Fr18 | End |
| 70021110 | 70022110 | Fr10 | Center |
| 70021115 | 70022115 | Fr15 | Center |
| 70021118 | 70022118 | Fr18 | Center |

Channel Drains

The channel drain is a fluted silicone drain for gravity application or for usage with low-vacuum-suction systems.

Key Features:

- Made from 100 % medical silicone for good biocompatibility
- The structure of the drainage material ensures a high level of kink resistance
- Four drainage channels ensure continuous secretion flow and avoid clog
- The design of the drainage channels makes the removal of the drain easy because of the low incidence of tissue growth
- Channel drains come in a two-piece design
- Transparent drain tube allows for easy visual inspection
- Fully radiopaque tube for X-ray detection

Flat Fluted Channel Drain

| Code | Drain Size | Drain Type | Drain Shape | Trocar |
|----------|------------|-------------|-------------|--------|
| 70031001 | 7mm*30cm | 3/4 Fluted | Flat | N |
| 70031002 | 7mm*20cm | Full Fluted | Flat | N |
| 70031003 | 10mm*30cm | 3/4 Fluted | Flat | N |
| 70031004 | 10mm*20cm | Full Fluted | Flat | N |
| 70032001 | 7mm*30cm | 3/4 Fluted | Flat | Y |
| 70032002 | 7mm*20cm | Full Fluted | Flat | Y |
| 70032003 | 10mm*30cm | 3/4 Fluted | Flat | Y |
| 70032004 | 10mm*20cm | Full Fluted | Flat | Y |



Round Fluted Channel Drain

| Code | Drain Size | Drain Type | Drain Shape | Trocar |
|----------|------------|-------------|-------------|--------|
| 70041010 | Fr10*20cm | Full Fluted | Round | N |
| 70041015 | Fr15*30cm | Full Fluted | Round | N |
| 70041019 | Fr19*30cm | Full Fluted | Round | N |
| 70042010 | Fr10*20cm | Full Fluted | Round | Y |
| 70042015 | Fr15*30cm | Full Fluted | Round | Y |
| 70042019 | Fr19*30cm | Full Fluted | Round | Y |
| 70042310 | Fr10*30cm | 3/4 Fluted | Round | Y |
| 70042315 | Fr15*30cm | 3/4 Fluted | Round | Y |
| 70042319 | Fr19*30cm | 3/4 Fluted | Round | Y |
| 70042324 | Fr24*30cm | 3/4 Fluted | Round | Y |

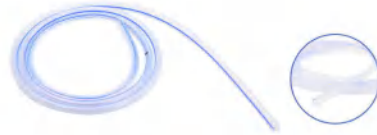


Silicone Round Drain

Soft silicone drains are round drains which are made of medical grade silicone and used for open or half-open wound drainage via gravity.

Key Features:

- Fully radiopaque without perforation
- Standard Length is 50cm, and different lengths are available



| Code | Size | Length |
|----------|-------|--------|
| 70051010 | Fr 10 | 50cm |
| 70051012 | Fr 12 | 50cm |
| 70051014 | Fr 14 | 50cm |
| 70051016 | Fr 16 | 50cm |
| 70051018 | Fr 18 | 50cm |
| 70051020 | Fr 20 | 50cm |
| 70051022 | Fr 22 | 50cm |
| 70051024 | Fr 24 | 50cm |

Silicone Reservoir

Key Features:

- Made from 100 % silicone
- Transparent low-vacuum silicone reservoir with anti-reflux valve and universal hanger
- Graduation of the reservoir for easy reading



| Code | Reservoir Volume |
|----------|------------------|
| 70060100 | 100ml |
| 70060150 | 150ml |
| 70060200 | 200ml |
| 70060400 | 400ml |

Silicone Reservoir With Bottom Outlet

Key Features:

- Bottom outlet design helps to connect with drainage bag directly



| Code | Reservoir Volume |
|----------|------------------|
| 70070100 | 100ml |
| 70070200 | 200ml |

Silicone Reservoir Kit

It consists of a perforated drain tube, trocar and a low-vacuum reservoir for suction-assisted, postoperative drainage of wound secretions.



Key Features:

- Transparent low-vacuum silicone reservoir with anti-reflux valve and universal hanger
- Graduation of the reservoir for easy reading
- Perforated with gently rounded atraumatic holes
- Perforated drain tube is made of 100 % medical silicone
- Inner ribbing prevents the drain from collapsing and clogging
- Fully radiopaque drain tube for X-ray detection

| Code | Reservoir Volume | Drain Size | Length | Perforation | Drain Shape |
|----------|------------------|------------|--------|-------------|-------------|
| 70081001 | 100ml | 3mm*7mm | 20cm | 3/4 | Flat |
| 70081002 | 100ml | 4mm*10mm | 20cm | 3/4 | Flat |
| 70081003 | 100ml | 3mm*7mm | 20cm | Full | Flat |
| 70081004 | 100ml | 4mm*10mm | 20cm | Full | Flat |
| 70084010 | 400ml | Fr10 | 30cm | Center | Round |
| 70084015 | 400ml | Fr15 | 30cm | End | Round |
| 70084018 | 400ml | Fr18 | 30cm | End | Round |

Penrose Drain

Penrose drains are capillary drains that are made of medical grade latex and feature an inner ribbing. They are suitable for gentle wound drainage by means of capillary suction and gravity, particularly in indications where the application of a low vacuum is contraindicated, but sufficient drainage performance is required.

Key Features:

- Inner ribbing enables continuous secretion flow and minimize clog
- Fully radiopaque for X-ray detection

| Code | Size |
|----------|----------------|
| 70091201 | 12 in.*1/4 in. |
| 70091202 | 12 in.*3/8 in. |
| 70091203 | 12 in.*1/2 in. |
| 70091204 | 12 in.*5/8 in. |
| 70091205 | 12 in.*3/4 in. |
| 70091206 | 12 in.* 1 in. |
| 70091801 | 18 in.*1/4 in. |
| 70091802 | 18 in.*3/8 in. |
| 70091803 | 18 in.*1/2 in. |
| 70091804 | 18 in.*5/8 in. |
| 70091805 | 18 in.*3/4 in. |
| 70091806 | 18 in.*7/8 in. |
| 70091807 | 18 in.* 1 in. |



Kehr's T Tube

Key Features:

- Commonly used for cholecystectomy
- Silicone T-tube are made of 100% silicone with perforated drain tube

Latex T Tube

| Code | Size |
|----------|------|
| 70100110 | Fr10 |
| 70100112 | Fr12 |
| 70100114 | Fr14 |
| 70100116 | Fr16 |
| 70100118 | Fr18 |
| 70100120 | Fr20 |



Silicone T Tube

| Code | Size |
|----------|------|
| 70100210 | Fr10 |
| 70100212 | Fr12 |
| 70100218 | Fr18 |



Three-Spring Evacuator Set



Key Features:

- Three-spring design to provide reliable suction for surgical cases
- Transparent sidewall with clearly marked graduations for quick and easy identification and measurement of exudate
- Anti-reflux valve to aid in preventing backflow of fluid to the patient
- The universal Y connector which can be cut to fit with different wound drain tube
- All kits include a round perforated drain with a trocar
- Round perforated drain is available with PVC and silicone

With PVC Perforated Round Drain

| Code | Volume | Drain Size | Drain Length | Trocar |
|----------|--------|------------|--------------|--------|
| 71007120 | 400ml | Fr7 | 120cm | Y |
| 71010120 | 400ml | Fr10 | 120cm | Y |
| 71012120 | 400ml | Fr12 | 120cm | Y |
| 71014120 | 400ml | Fr14 | 120cm | Y |
| 71016120 | 400ml | Fr16 | 120cm | Y |
| 71018120 | 400ml | Fr18 | 120cm | Y |

With Silicone Perforated Round Drain

| Code | Volume | Drain Size | Drain Length | Trocar |
|----------|--------|------------|--------------|--------|
| 71115120 | 400ml | Fr15 | 120cm | Y |
| 71119120 | 400ml | Fr18 | 120cm | Y |

Low Vacuum Wound Drainage System



Key Features:

- Close wound drainage device under negative pressure
- Flexible bellow chamber is easy to be depressed to activate suction
- Transparent below with clearly marked graduations for quick and easy identification and measurement of exudate;
- Center perforated wound drain tube with full length X-ray line

| Code | Volume | Drain Size | Drain Length | Trocar |
|----------|--------|------------|--------------|--------|
| 71510120 | 400ml | Fr10 | 120cm | Y |
| 71512120 | 400ml | Fr12 | 120cm | Y |
| 71514120 | 400ml | Fr14 | 120cm | Y |
| 71516120 | 400ml | Fr16 | 120cm | Y |
| 71518120 | 400ml | Fr18 | 120cm | Y |

High Vacuum Wound Drainage System

Key Features:

- The rigid Redon bottle provides high initial vacuum
- The transparent bottle with rough graduation for easy reading
- Kink resistant PVC connecting tube
- Integrated vacuum gauge
- Redon bottle available in 400ml and 600ml
- Available with DEHP-Free material

Complete Sets

The complete sets consist of a Redon bottle, a connecting tube, a Redon drain with trocar. The sets are suitable for initial placement during surgery and contain all for the drainage needed components.

| Code | Volume | Drain Size | Drain Length |
|----------|--------|------------|--------------|
| 70140010 | 400ml | Fr10 | 750mm |
| 70140012 | 400ml | Fr12 | 750mm |
| 70140014 | 400ml | Fr14 | 750mm |
| 70140016 | 400ml | Fr16 | 750mm |
| 70160010 | 600ml | Fr10 | 750mm |
| 70160012 | 600ml | Fr12 | 750mm |
| 70160014 | 600ml | Fr14 | 750mm |
| 70160016 | 600ml | Fr16 | 750mm |



OR System

The OR system consist of a Redon bottle and a connecting tube. It is suitable for initial placement during surgery.

| Code | Volume |
|----------|--------|
| 70240001 | 400ml |
| 70260001 | 600ml |



Ward System

The Ward system consist of a Redon bottle only. It is intended for replacement during patients' treatment.

| Code | Volume |
|----------|--------|
| 70340001 | 400ml |
| 70360001 | 600ml |



Connecting Tube

| Code | Length |
|----------|--------|
| 70410001 | 100cm |



Redon Drain Tube With Trocar

| Code | Drain Size | Drain Length |
|----------|------------|--------------|
| 70510750 | Fr10 | 750mm |
| 70512750 | Fr12 | 750mm |
| 70514750 | Fr14 | 750mm |
| 70516750 | Fr16 | 750mm |



Redon Drain Tube Without Trocar

| Code | Drain Size | Drain Length |
|----------|------------|--------------|
| 70610750 | Fr10 | 750mm |
| 70612750 | Fr12 | 750mm |
| 70614750 | Fr14 | 750mm |
| 70616750 | Fr16 | 750mm |



Drainage Bag

Key Features:

- It is designed to be connected with silicone reservoir to collect, store and record the fluid
- Anti-reflux valve to aid in preventing backflow of fluid to the patient
- The PVC extension tube and a luer lock can help to fix with silicone reservoir easily
- Could be replaced individually

| Code | Bag Volume |
|----------|------------|
| 72881000 | 1000ml |



PVC Thoracic Catheter

Key Features:

- Made of medical grade Clear PVC which provides easy visualization of drainage characteristics
- Two different sizes in each end which eliminate the need of using extra connector to connect to chest drainage system.
- Smooth and atraumatic tip allows smooth and easy insertion with less trauma
- Fully radiopaque for accurate placement
- 2 cm depth markings aid in accurate catheter placement
- Available in both straight and right angle options

Straight Type



| Code | Size | Length |
|----------|------|--------|
| 74012051 | Fr12 | 51cm |
| 74016051 | Fr16 | 51cm |
| 74020051 | Fr20 | 51cm |
| 74024051 | Fr24 | 51cm |
| 74028051 | Fr28 | 51cm |
| 74032051 | Fr32 | 51cm |
| 74036051 | Fr36 | 51cm |
| 74040051 | Fr40 | 51cm |

Right-angle Type



| Code | Size | Length |
|----------|------|--------|
| 74116051 | Fr16 | 51cm |
| 74120051 | Fr20 | 51cm |
| 74124051 | Fr24 | 51cm |
| 74128051 | Fr28 | 51cm |
| 74132051 | Fr32 | 51cm |
| 74136051 | Fr36 | 51cm |
| 74140051 | Fr40 | 51cm |

Silicone Thoracic Catheter

Key Features:

- Excellent biocompatibility of silicone for patient safety
- Soft silicone material provides better comfort to patient
- Fully radiopaque for accurate placement
- Smooth side eyes and open distal tip allows consistent catheter flow and easy insertion



| Code | Size | Length |
|----------|------|--------|
| 74212051 | Fr12 | 51cm |
| 74216051 | Fr16 | 51cm |
| 74220051 | Fr20 | 51cm |
| 74224051 | Fr24 | 51cm |
| 74228051 | Fr28 | 51cm |
| 74232051 | Fr32 | 51cm |
| 74236051 | Fr36 | 51cm |
| 74240051 | Fr40 | 51cm |

Thoracic Trocar Catheter

Key Features:

- Used for rapid non-operative pleural and chest drainage
- Made of medical grade PVC
- Large smooth eyes for efficient drainage
- Surgically sharp trocar tip allows for quick, precise insertion



| Code | Size | Length | Trocar |
|----------|------|--------|--------|
| 74324035 | Fr24 | 35cm | Y |
| 74328035 | Fr28 | 35cm | Y |
| 74332035 | Fr32 | 35cm | Y |
| 74336035 | Fr36 | 35cm | Y |

Chest Drainage System

Key Features:

- Water seal technology with air leak monitor for patient safety
- High negative and positive pressure relief valves for patient protection



| Code | Size | Volume |
|----------|---------------------------|--------|
| 74611600 | Single collection chamber | 1600ml |
| 74621600 | Dual collection chamber | 1600ml |