

宁波博雅医疗器械有限公司

NINGBO BOYA MEDICAL EQUIPMENT CO.,LTD.



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专业诚信 · 卓越服务 · 创造价值
助力科技创新 成就卓越发展

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**BoYa Medical Equipment
Innovation Quality Service**

**specialty casts quality
Service makes future**

**品质源于专业
服务成就未来**

企业简介

宁波博雅医疗器械有限公司始建于2006年，坐落于美丽的浙江历史文化名城余姚，是一家专业生产麻醉机，呼吸机配套产品的企业。主要产品有：一次性使用吸湿冷凝加湿器，一次性使用呼吸过滤器，一次性使用麻醉呼吸机管路，一次性使用雾化器，一次性使用无菌保护罩，一次性使用麻醉面罩，一次性使用胃管，一次性使用喉罩，一次性使用麻醉储气囊，咬嘴，口垫等。

公司现有近百台生产检验设备，十万级净化车间，可确保产品的安全性和质量稳定性。公司已取得CE，ISO13485，FDA等认证。

我们真诚的期待您的光临并能与您建立长期稳定的合作关系，让我们共创美好未来！

COMPANY PROFILES

Ningbo Boya Medical Equipment Co., Ltd. was founded in 2006, located in Yuyao, Zhejiang Province, China. We are a professional manufacturer and supplier of supporting products for anesthesia and ventilator machines. Our main products are disposable heat and moisture exchangers, disposable breathing system filters, disposable anesthesia breathing circuits, disposable nebulizers, disposable mouthpieces, disposable operating lamp handlecovers, anaesthetic masks, stomach tubes, laryngeal masks, anaesthetic reservoir bags, endotracheal tubes and bite-blocks. Our products are sold to distributors and wholesalers all over the world.

We have nearly 100 sets of production and inspection equipment, and a 100,000-grade purification workshop, which can ensure the safety and quality stability of the products. We have obtained CE, ISO 13485, FDA, and other certificate verifications.

We sincerely look forward to your presence and establishing a long-term stable relationship with you. Let us create a better future!



博雅拥有一支优秀的生产、销售团队，
公司制定科学严谨的生产流程，标准化规范操作，
从而确保产品保持同一品质，
为用户持续提供优质的产品与服务。



Our products conform to EN ISO 13485:2016, CE, and FDA standards. Importers from all over the world sell our products under their brands, which proves our core competencies in quality control, product design and development, prototyping, packaging, and sterilization. Apart from the product quality, we are also reputed for prompt delivery, buyers-friendly policies, and the experienced professional team.



◆ 产品简介 / Product Introduction

—— 一次性使用吸湿冷凝加湿器，商品名：人工鼻。产品功能为湿化、温暖和过滤从呼吸机等仪器排出并输及病人端用于呼吸的气体。产品为一次性使用，临床用于重症及麻醉病人机械呼吸气体的湿化和过滤。本产品以医用塑料制成，采用标准接口，可以与面罩、管路等相关耗材连接使用。产品主要由波纹管或延长管、外壳、加湿材料、过滤材料、病人接口及机器接口组成。本产品在一定程度上可模拟人体解剖湿化系统，使病人呼出气中含量的热气、水蒸气回到吸气中去，可过滤细菌，有效防止回路中的细菌滞留，减少了人工呼吸机相关性肺炎的发生。它可减少气管内吸引及加温、加湿器的水分补充和更换回路的次数，从而减少回路中途连接的机会，防止事故发生。

—— Disposable Heat and Moisture Exchanger (hereinafter called HME) is clinically used to humidify, warm and filter the gases that are expelled from the ventilator and other instruments and delivered to the patient's end for respiration. HME is mainly made of medical plastic and has a standard connector that allows it to be used with masks, breathing circuits and other related supplies. The basic components of HME consists of threaded or extended tubing, housing, humidification material, filtration material, patient interface and machine interface. HME can simulate the human anatomy humidification system to a certain extent, so that the patient's exhaled breath content of hot air, water vapour back to the inhalation, can filter bacteria, effectively prevent the retention of bacteria in the circuit, reducing the occurrence of artificial respiratory machine-related pneumonia. HME reduces the number of times of water replenishment and replacement of the circuit for endotracheal suctioning and heating, humidifier, thus reducing the chance of connecting the circuit midway and preventing accidents.

◆ 气切式人工鼻 Tracheal HME



BY-2

- 推荐潮气量
Recommended tidal volume(ml)
> 75
- 保湿效果
Moisture loss*(mg H₂O/L air)
9.0(@Vt 500mL)
- 阻力
Resistance(pa)
50 at 30L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
/
- 病毒过滤率
Viral filtration efficiency*(%)
/



BY-3

- 推荐潮气量
Recommended tidal volume(ml)
> 75
- 保湿效果
Moisture loss*(mg H₂O/L air)
8.7(@Vt 500mL)
- 阻力
Resistance(pa)
15 at 30L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
/
- 病毒过滤率
Viral filtration efficiency*(%)
/



BY-5



BY-GL-1

- 推荐潮气量
Recommended tidal volume(ml)
> 75
- 保湿效果
Moisture loss*(mg H₂O/L air)
11.3(@Vt 500mL)
- 阻力
Resistance(pa)
10 at 30L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
/
- 病毒过滤率
Viral filtration efficiency*(%)
/



BY-4

- 推荐潮气量
Recommended tidal volume(ml)
> 75
- 保湿效果
Moisture loss*(mg H₂O/L air)
8.9(@Vt 500mL)
- 阻力
Resistance(pa)
20 at 30L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
/
- 病毒过滤率
Viral filtration efficiency*(%)
/



BY-6

- 推荐潮气量
Recommended tidal volume(ml)
> 75
- 保湿效果
Moisture loss*(mg H₂O/L air)
7.8(@Vt 500mL)
- 阻力
Resistance(pa)
20 at 30L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
/
- 病毒过滤率
Viral filtration efficiency*(%)
/

◆ 人工鼻 / HME



BY-1

- 推荐潮气量
Recommended tidal volume(ml)
75-1500
- 保湿效果
Moisture loss*(mg H₂O/L air)
11.2(@Vt 500mL)
- 阻力
Resistance(pa)
30 at 30L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
/
- 病毒过滤率
Viral filtration efficiency*(%)
/



BY-RGB-P-1

- 推荐潮气量
Recommended tidal volume(ml)
150-1500
- 保湿效果
Moisture loss*(mg H₂O/L air)
9.2(@Vt 500mL)
- 阻力
Resistance(pa)
140 at 30L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
/
- 病毒过滤率
Viral filtration efficiency*(%)
/



BY-RGB-P-3

- 推荐潮气量
Recommended tidal volume(ml)
150-1500
- 保湿效果
Moisture loss*(mg H₂O/L air)
8.8(@Vt 500mL)
- 阻力
Resistance(pa)
65 at 30L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
/
- 病毒过滤率
Viral filtration efficiency*(%)
/

◆ 复合式人工鼻 / HME Filter



BY-GL-2

- 推荐潮气量
Recommended tidal volume(ml)
150-1500
- 保湿效果
Moisture loss*(mg H₂O/L air)
10.0(@Vt 500mL)
- 阻力
Resistance(pa)
105 at 30L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99



BY-GL-3

- 推荐潮气量
Recommended tidal volume(ml)
150-1500
- 保湿效果
Moisture loss*(mg H₂O/L air)
10.9(@Vt 500mL)
- 阻力
Resistance(pa)
105 at 30L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99



BY-GL-4

- 推荐潮气量
Recommended tidal volume(ml)
150-1500
- 保湿效果
Moisture loss*(mg H₂O/L air)
9.9(@Vt 500mL)
- 阻力
Resistance(pa)
110 at 30L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99



BY-GL-5

- 推荐潮气量
Recommended tidal volume(ml)
150-1500
- 保湿效果
Moisture loss*(mg H₂O/L air)
9.2(@Vt 500mL)
- 阻力
Resistance(pa)
100 at 30L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99

◆ 产品简介 / Product Introduction

—— 一次性使用呼吸过滤器为一次性使用产品，主要用于呼吸机及麻醉机管路中过滤细菌、微粒及增加气体湿化程度；也可以在肺功能检查时与肺功能检查设备配套使用，用于过滤病人带有细菌病原体的飞沫，从而保护肺功能检查设备。产品由医用高分子材料组成，采用标准接头（肺功能过滤器除外），过滤介质主要是一种带静电的超细聚丙烯纤维。聚丙烯是一种疏水的材料，不利于真菌、细菌和病毒的生长。本公司生产的呼吸过滤器能有效滤除和阻挡患者呼吸道路与呼吸回路之间的细菌、病毒，降低气管插管后的下呼吸道感染的发生率，减轻患者痛苦，同时保护麻醉呼吸设备。

—— Disposable breathing system filters are mainly used for filtering bacteria, and particles and increasing the degree of gas humidification in the circuits of ventilators and anesthesia machines; they can also be used in conjunction with the pulmonary function test equipment during the pulmonary function test, for filtering droplets with bacterial pathogens from the patient, thus protecting the pulmonary function test equipment. The product consists of medical polymer material, using standard connectors (except for the pulmonary function filter), the filter medium is mainly a kind of electrostatically charged ultra-fine polypropylene fiber. Polypropylene is a hydrophobic material that can inhibit the growth of fungi, bacteria, and viruses. Our disposable breathing system filters can effectively filter out and block bacteria and viruses between the patient's respiratory path and the respiratory circuit, reduce the incidence of lower respiratory tract infections after endotracheal intubation, alleviate the patient's pain, and at the same time protect the anesthesia respiratory equipment.

◆ 纯过滤器 / Bacterial filter



GZ-GL-3(A)

- 推荐潮气量
Recommended tidal volume(ml)
/
- 保湿效果
Moisture loss*(mg H₂O/L air)
/
- 阻力
Resistance(pa)
220 at 30 L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99



GZ-GL-3

- 推荐潮气量
Recommended tidal volume(ml)
/
- 保湿效果
Moisture loss*(mg H₂O/L air)
/
- 阻力
Resistance(pa)
70 at 30 L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99



GZ-GL-9

- 推荐潮气量
Recommended tidal volume(ml)
/
- 保湿效果
Moisture loss*(mg H₂O/L air)
/
- 阻力
Resistance(pa)
65 at 30 L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99



GZ-GL-3(B)

- 推荐潮气量
Recommended tidal volume(ml)
/
- 保湿效果
Moisture loss*(mg H₂O/L air)
/
- 阻力
Resistance(pa)
50 at 30 L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99

◆ 复合式过滤器 / HME Filter



GZ-GL-1

- 推荐潮气量
Recommended tidal volume(ml)
150-1500
- 保湿效果
Moisture loss*(mg H₂O/L air)
10.0(@ Vt 500ml)
- 阻力
Resistance(pa)
105 at 30 L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99



GZ-GL-5

- 推荐潮气量
Recommended tidal volume(ml)
150-1500
- 保湿效果
Moisture loss*(mg H₂O/L air)
10.9(@ Vt 500ml)
- 阻力
Resistance(pa)
110 at 30 L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99



GZ-GL-7

- 推荐潮气量
Recommended tidal volume(ml)
150-1500
- 保湿效果
Moisture loss*(mg H₂O/L air)
9.9(@ Vt 500ml)
- 阻力
Resistance(pa)
110 at 30 L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99



GZ-GL-18 儿童型
pediatric

- 推荐潮气量
Recommended tidal volume(ml)
75-500
- 保湿效果
Moisture loss*(mg H₂O/L air)
8.4(@ Vt 500ml)
- 阻力
Resistance(pa)
75 at 30 L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99



GZ-GL-2 儿童型
pediatric

- 推荐潮气量
Recommended tidal volume(ml)
75-500
- 保湿效果
Moisture loss*(mg H₂O/L air)
10.1(@ Vt 500ml)
- 阻力
Resistance(pa)
200 at 30 L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99



GZ-GL-6

- 推荐潮气量
Recommended tidal volume(ml)
15-1500
- 保湿效果
Moisture loss*(mg H₂O/L air)
10.2(@ Vt 500ml)
- 阻力
Resistance(pa)
115 at 30 L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99



GZ-GL-8

- 推荐潮气量
Recommended tidal volume(ml)
150-1500
- 保湿效果
Moisture loss*(mg H₂O/L air)
10.0(@ Vt 500ml)
- 阻力
Resistance(pa)
130 at 30 L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99



GZ-GL-19 婴儿型
For infants

- 推荐潮气量
Recommended tidal volume(ml)
50-500
- 保湿效果
Moisture loss*(mg H₂O/L air)
11.7(@ Vt 500ml)
- 阻力
Resistance(pa)
190 at 30 L/min
- 细菌过滤率
Bacterial filtration efficiency*(%)
99.99
- 病毒过滤率
Viral filtration efficiency*(%)
99.99

◆ 肺功能过滤器 / Spirometry Filter

◆ 防护型呼吸过滤器为一次性使用呼吸过滤器的升级成品。在肺功能检查中，既能过滤病人带有细菌、病原体的飞沫，从而保护肺功能检查设备，又能防止肺功能医患之间交叉感染的风险。

Protective breathing system filter is an upgraded product of the disposable breathing system filter. In pulmonary function examination, it can not only filter the droplets with bacteria and pathogens from the patient, thus protecting the pulmonary function examination equipment, but also preventing the risk of cross-infection between doctors and patients in pulmonary function.



产品型号(Model No.):

GZ-GL-341、GZ-GL-342、GZ-GL-343、
GZ-GL-344、GZ-GL-345、GZ-GL-346、

| 产品名称 Product Name. | 产品型号 Model No. | 产品规格 Product Specification. | 产品尺寸 Size. | | 适用机型 Suitable Machine Brand. |
|--|-------------------|---------------------------------|-----------------------|-------------------------------|---|
| 一次性使用呼吸过滤器 Disposable Breathing System Filter | GZ-GL-4 | 自带咬口 With mouthpiece itself. | 机器端内径 Machine I.D. | 22/24/25/28/29.5/30/30.5 | 耶格、康讯、捷斯特、科时迈、麦迪、麦邦等知名品牌 Carefusion, GANSHORN, CHEST (HI 801, HI 701, HI 101), COSMED-microQuark, Medisoft HypAir, M&B MSA99, etc. |
| | | | 机器端外径 Machine O.D. | 30/30.5 | |
| | | 可拆咬口 Mouthpiece Detachable. | 机器端内径 Machine I.D. | 22/24/25/28/29.5/30/30.5/45.5 | |
| | | | 机器端外径 Machine O.D. | 26/30/30.5 | |

◆ 产品简介 / Product Introduction

——咬嘴主要与肺功能呼吸过滤器配套使用。本产品是以医用塑料或纸管制成的，为一次性使用产品。

—— Disposable mouthpiece is an ancillary product for spirometer filter. And the product is made of medical plastic or cardboard.



| | |
|----------------------|-------------------|
| 产品型号 Model number | BY-YZ-4 |
| 尺寸(mm) Dimension | ID 25.5 H 53.5 |



| | |
|----------------------|-------------------|
| 产品型号 Model number | BY-YZ-6 |
| 尺寸(mm) Dimension | ID 29.5 H 53.5 |



| | |
|----------------------|---------------|
| 产品型号 Model number | BY-YZ-10 |
| 尺寸(mm) Dimension | OD 22 H 59 |



| | |
|----------------------|-----------------|
| 产品型号 Model number | BY-YZ-9 |
| 尺寸(mm) Dimension | ID 19.5 H 70 |



| | |
|----------------------|----------------|
| 产品型号 Model number | BY-YZ-8(C款/D款) |
| 尺寸(mm) Dimension | ID 22 H 139 |



| | |
|----------------------|----------------------|
| 产品型号 Model number | BY-YZ-7 |
| 尺寸(mm) Dimension | ID 25.5/30 H 66.0 |



- ◆ 产品描述：手术或检查时患者开口的辅助器械，采用PP和TPE制成，非无菌提供；
- ◆ 预期用途：用于经口腔手术或检查时维持患者的开口状态，防止非预期咬合，或便于插入和固定气管插管

Bite blocks are aids for opening the patient's mouth during surgery or examination and are made of PP and TPE, which are sterilisable and can be used without sterilisation.

Bite blocks are used to maintain the patient's opening during transoral procedures or examinations, to prevent unintended occlusion, or to facilitate the insertion and fixation of tracheal tubes.



BY-KD-C (成人型)
(Adults)



BY-KD-D (儿童型)
(Kids)



BY-KD-A (加强型)
(Reinforced)
BY-KD-B (普通型)
(Regular)

一次性肺功能仪用过滤嘴

Disposable Filters For Spirometers

- ◆ 产品说明：由吹气嘴、吹气口和过滤膜组成，与肺功能仪连接，用于过滤患者吹气时的唾液，避免交叉感染（非无菌提供）。

Disposable filters for spirometers consist of a blowing nozzle, a blowing port and a filtering membrane, which is connected to the spirometer and is used to filter the patient's saliva during blowing to avoid cross-infection. This product is sterilisable and can be used without sterilisation.



产品型号(Model No.):

BY-LZ-1、BY-LZ-2、BY-LZ-3、BY-LZ-4、BY-LZ-5、
BY-LZ-6、BY-LZ-7、BY-LZ-8、BY-LZ-9、BY-LZ-10、

◆ 产品简介

—— 一次性使用雾化器与雾化器源配套使用。患者在使用气雾剂药物时，雾化器辅助药物吸入患者口腔。咬嘴雾化器由T型管、咬嘴、导管、雾化芯、药物杯组成，面罩雾化器由松紧带、铝卡、面罩、导管、雾化芯药物杯组成。本产品为无菌产品，经环氧乙烷灭菌后一次性使用。工作原理为将氧气(驱动力)以高速气流通过喷嘴，在喷嘴周围产生负压，携带药物杯药液卷起高速气流并将其粉碎成大小不一的雾滴，其中99%以上的为大颗粒的雾滴，通过喷嘴的拦截碰撞，落回药物杯内，剩下的细小雾粒以一定的速度喷出，撞落的颗粒重新雾化。一般雾化器的驱动力气流量为6~8/min。使用一次性雾化器可湿化、洁净气道，降低痰液粘稠度。同时持续微雾吸入，痰液易咳出或吸出，从而改善了患者的氧供情况。持续的微雾吸入，可降低药物对支气管黏膜的刺激，增强局部的疗效。



| 产品名称 Product Name. | 产品规格 Product Specification. | | 产品型号 Model No. | 药物杯容积 Medication cup volume |
|--------------------------------------|--------------------------------|---------|-------------------|--------------------------------|
| 一次性使用 雾化器 Disposable nebulizer | 咬嘴式 with mouthpiece. | / | BY-W-Y-3 | 10 ML |
| | 面罩式 with mask. | 特大号(XL) | BY-W-M-2 | |
| | | 大号(L) | BY-W-M-4 | |
| | | 中号(M) | BY-W-M-6 | |
| | | 小号(S) | BY-W-M-8 | |

◆ Product Introduction

—— Disposable nebulizer is used in conjunction with a nebulizer source. The nebulizer assists in the inhalation of medication into the patient's mouth when the patient is using aerosol medication. The bite mouthpiece nebulizer consists of T-tube, bite mouthpiece, catheter, nebulizing core, drug cup, and mask nebulizer consists of an elastic band, aluminum card, mask, catheter, and nebulizing core drug cup. Our nebulizers are sterilized by ethylene oxide for single use. The working principle is to oxygen (driving force) with high-speed airflow through the nozzle, around the nozzle to produce negative pressure, carrying the drug cup medicine rolled up high-speed airflow and crushed into different sizes of droplets, of which more than 99% for large particles of droplets, through the nozzle of the interception of collision, fall back to the drug cup, the rest of the fine particles of fog to a certain speed of the spray, the impact of the drop of the particles to re-atomize. Generally, the driving force flow rate of the nebulizer is 6~8/min. Disposable nebulizers can humidify and clean the airway and reduce the viscosity of sputum. At the same time continuous micro-mist inhalation, sputum can be easily coughed up or suctioned out, thus improving the patient's oxygen supply. Continuous micro-mist inhalation reduces the irritation of drugs on the bronchial mucosa and enhances the local therapeutic effect.



| 产品名称 Product Name. | 产品规格 Product Specification. | | 产品型号 Model No. | 药物杯容积 Medication cup volume |
|--------------------------------------|--------------------------------|---------|---------------------|--------------------------------|
| 一次性使用 雾化器 Disposable nebulizer | 咬嘴式 with mouthpiece. | / | BY-W-Y-1 / BY-W-Y-2 | 10 ML |
| | 面罩式 with mask. | 特大号(XL) | BY-W-M-1 | |
| | | 大号(L) | BY-W-M-3 | |
| | | 中号(M) | BY-W-M-5 | |
| | | 小号(S) | BY-W-M-7 / BY-W-M-9 | |

◆ 产品简介 / Product Introduction

—— 一次性使用无菌保护罩在医疗机构（手术室）使用，可以与各种不同型号的手术灯等照明灯配套使用，用来调整手术照明灯角度。

—— Disposable Operating Lamp Handle Cover is used in medical institutions (operating theatres) and can be used in conjunction with different types of surgical lamps to adjust the angle of the surgical lighting.

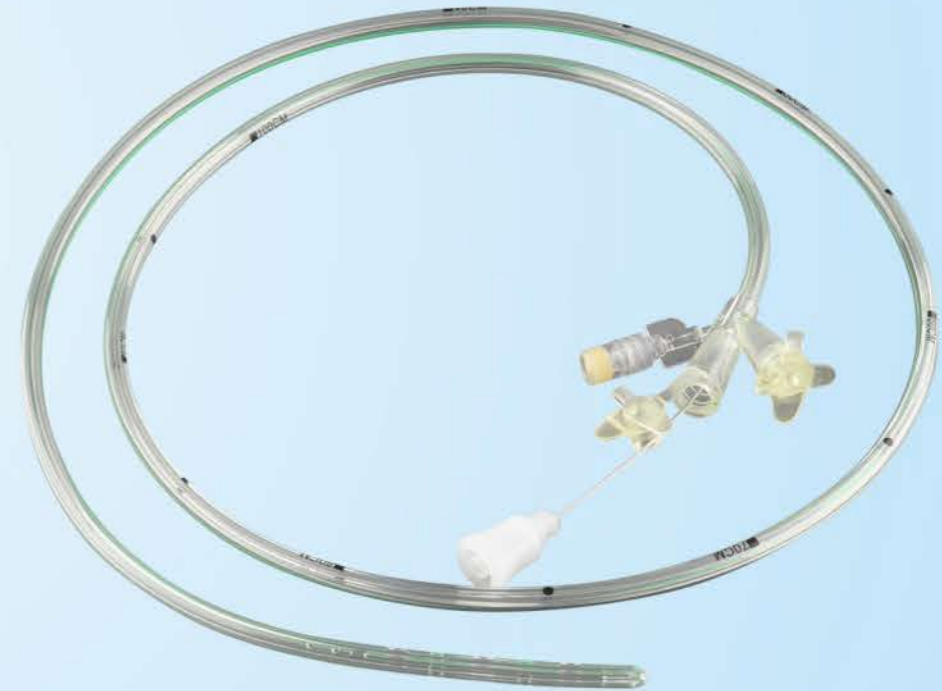


| 产品名称 Product Name. | 产品规格 Product Specification. | 产品型号 Model No. |
|--|--------------------------------|--|
| 一次性使用 无菌保护罩 Disposable Operating lamp handle cover | 普通型 Normal. | BY-TY-1 / BY-TY-2 BY-TY-3 / BY-TY-4 |
| | 加强型 Reinforced. | BY-JQ-1 / BY-JQ-2 BY-JQ-3 / BY-JQ-4 |

◆ 产品简介 / Product Introduction

—— 一次性使用胃管与相关的肠胃给药器配合或靠液体重力，在导管内形成正压或负压。胃管经食道插入胃部后，可用于液体或流质营养的输入、排（吸）液等，还可用于胃部冲洗。漏斗状连接件后部接口有扣盖，有利于保持清洁。外壁带有数字刻度或管壁带有可X光显影标记线，两者均可有效控制产品的使用长度。

—— Disposable stomach tubes are used in conjunction with an associated gastrointestinal drug delivery device or by liquid gravity to create positive or negative pressure within the tube. After being inserted into the stomach via the esophagus, the stomach tube can be used for liquid or fluid nutritional input, drainage (aspiration), etc., and can also be used for gastric irrigation. The rear interface of the funnel-shaped connector has a snap cap, which helps keep it clean. The outer wall has a digital scale and the tube wall has an X-ray marking line, both of which can effectively control the length of use of the product.



| 产品名称 Product Name. | 产品型号 Model No. | 产品规格 Product Specification. | 长度(mm) Length |
|------------------------------------|-------------------|--------------------------------------|------------------|
| 一次性使用胃管 Disposable stomach tube | BY-WG-1 | 8Fr, 10Fr, 12Fr | 1200±10% |
| | BY-WG-2 | 14Fr, 16Fr, 18Fr | |
| | BY-WG-3 | 20Fr, 22Fr, 24Fr 26Fr, 28Fr, 30Fr | |

◆ 产品简介 / Product Introduction

—— 一次性使用喉罩产品主要用于打开并密封上喉部，在进行自主、辅助或控制通气时，在患者体内提供一个气体通道。使用时，将喉罩插入咽喉部，气囊充气后起到密封和固定作用。一次性医用喉罩既可为患者自主呼吸提供通道，又能施行正压通气。充气阀为单向阀，防止气囊内气体外泄，医生可通过观察球囊瘪下或鼓起的状态来监测气囊是否处在正常工作状态。

—— Disposable laryngeal masks are primarily used to open and seal the epiglottis to provide a gas passage within the patient's body when performing voluntary, assisted, or controlled ventilation. When used, the mask is inserted into the pharynx and the airbag is inflated to provide a seal and fixation. The disposable medical laryngeal mask can provide a channel for the patient's independent breathing and can also perform positive pressure ventilation. The inflation valve is a one-way valve, preventing the gas inside the airbag from leaking out, and the doctor can monitor whether the airbag is in normal working condition by observing the deflated or bulging state of the balloon.

◆ 产品简介 / Product Introduction

—— 一次性使用麻醉面罩可连接呼吸管路，实行麻醉气体输送，通常与麻醉机或呼吸机等呼吸装置配套使用，供临床麻醉呼吸用。

—— Disposable anesthesia masks are connected to the breathing circuits to deliver anesthesia gas, usually with an anesthesia machine or ventilator and other respiratory devices, for clinical anesthesia respiration.



| 产品名称 Product Name. | 产品型号 Model No. | 产品规格 Product Specification. | 适用范围 (建议体重kg) Scope of application (Recommended weight (kg)) |
|--------------------------------------|-------------------|--------------------------------|---|
| 一次性使用喉罩 Disposable laryngeal mask | BY-HZ-110/210 | 1# | 婴儿Infants(0-5) |
| | BY-HZ-115/215 | 1.5# | 幼儿Preschooler(5-10) |
| | BY-HZ-120/220 | 2# | 儿童Children(10-20) |
| | BY-HZ-125/225 | 2.5# | 儿童Children(20-30) |
| | BY-HZ-130/230 | 3# | 儿童 / 成人Children/Adults(30-50) |
| | BY-HZ-140/240 | 4# | 普通成人Adults Normal(50-70) |
| | BY-HZ-150/250 | 5# | 加长成人Adults Reinforced(70-100) |

| 产品名称 Product Name. | 产品规格 Product Specification. | 产品型号 Model No. |
|--|---|---|
| 一次性使用 麻醉面罩 Disposable anesthesia mask | 充气式(平行嘴) Inflatable (parallel spout) | BY-MZ-10 / BY-MZ-11 / BY-MZ-12 / BY-MZ-13 BY-MZ-14 / BY-MZ-15 / BY-MZ-16 |
| | 充气式(垂直嘴) Inflatable (vertical spout) | BY-MZ-30 / BY-MZ-31 / BY-MZ-32 / BY-MZ-33 BY-MZ-34 / BY-MZ-35 / BY-MZ-36 |
| | 整体式 one-piece | BY-MZ-20 / BY-MZ-21 / BY-MZ-22 / BY-MZ-23 BY-MZ-24 / BY-MZ-25 / BY-MZ-26 |

◆ 产品简介 / Product Introduction

— 一次性使用麻醉储气囊由软性囊体与圆锥接头组成，有乳胶和非乳胶材质。本产品是储气麻醉系统中用以贮存气体的部件，用于调节供气量。当供气量多于系统所需气体时，它将多余的气体暂时储存起来，而当供气少于系统所需气体时，它又将贮存的气体释放出来作为补充，起到缓冲气流的作用。

— The disposable anaesthetic reservoir bag consists of a flexible bladder with a conical connector, available in latex and non-latex materials. This product is a component of a gas storage anesthesia system used to store gas and regulate the volume of gas supplied. When the gas supply is more than the gas required by the system, it will store the excess gas temporarily, and when the gas supply is less than the gas required by the system, it will release the stored gas as a supplement to play the role of buffer gas flow.



| 产品名称 Product Name. | 产品规格 Product Specification. | 产品型号 Model No. |
|---|--------------------------------|--|
| 一次性使用 麻醉储气囊 Disposable anaesthetic reservoir bag | 不带转换接头 without connector | BY-QN-00 / BY-QN-01 BY-QN-02 / BY-QN-03 |
| | 带转换接头 with connector | BY-QN-10 / BY-QN-11 BY-QN-12 / BY-QN-13 |



BY-GL-E-1
● 1.7米成人无创波纹呼吸管路
1.7m Continuous positive airway pressure circuits
(Corrugated tube)



BY-C-I-B1
● $\Phi 10$, 1.2米婴儿型麻醉呼吸管路
1.2m Neonatal, Corrugated
● $\Phi 10$, 1.6米婴儿型麻醉呼吸管路
1.6m Neonatal, Corrugated



BY-GL-C-2
● 1.6米麻醉呼吸管路(同轴管)
1.6m Coaxial Circuits
● 1.8米麻醉呼吸管路(同轴管)
1.8m Coaxial Circuits



BY-C-I-B3
● $\Phi 10$, 1.2米婴儿波纹管呼吸管路
Neonatal, 1.2m 5 tubes with double water-traps
● 1.6米婴儿波纹管呼吸管路
Neonatal, 1.6m 5 tubes with double water-traps

◆ 产品简介 / Product Introduction

—— 一次性使用麻醉呼吸机管路供临床与麻醉机、呼吸机等配套，建立人工气道用，作为麻醉气体、氧气等医用气体进入病人体内的通道。本产品是以医用塑料制成的，采用标准接口。管路由波纹管、集水杯、气囊、病人接口及机器接口、气体采样口、气体监测口等组成。产品与监护装置连接可靠；呼吸弹性好；不易弯曲、破损；保证机械通过程中供气畅通；作为通道用的一次性使用医疗器械，并具有操作简单、无菌安全和防止感染的特点。

—— Disposable breathing circuits are used to establish an artificial airway for clinical use with anaesthesia machines and ventilators, as a channel for anaesthetic gas, oxygen, and other medical gases to enter the patient's body. The circuit is made of medical plastic with a standard interface, and the line consists of a threaded pipe, water collection cup, airbag, patient interface and machine interface, gas sampling port, and gas monitoring port. The circuit is connected reliably with the monitoring device; has good respiratory elasticity; not easy to bend and break: can ensure that the gas supply is unimpeded in the process of mechanical ventilation. As a disposable medical device for the channel, it is simply operated, is aseptic safe, and prevention of infection.



BY-GL-C-1

- $\phi 22$, 1.2米成人型麻醉呼吸机管路
adult, 1.2m corrugated tube
- $\phi 15$, 1.2米儿童型麻醉呼吸机管路
pediatric, 1.2m corrugated tube



BY-GL-A-1

- $\phi 22$, 1.6米成人型麻醉呼吸机管路
adult, 1.6m corrugated tube



BY-GL-A-5

- $\phi 22$, 1.6米成人麻醉呼吸伸缩管路
Adult, 1.6m Expandable
- $\phi 22$, 1.8米成人呼吸伸缩管路
Adult, 1.8m Expandable
- $\phi 15$, 1.5米儿童呼吸伸缩管路
Pediatric, 1.5m Expandable



BY-GL-C-1 (A)

- 1.6米 / 1.8米 / 2.0米麻醉呼吸管路(加强管)
1.6m / 1.8m / 2.0m Smoothbore



BY-GL-A-3

- $\phi 22$, 1.8米成人呼吸管路
Adult, 1.8m, 5 tubes, with double water traps
- $\phi 22$, 1.8米呼吸管路(可拆卸型)
1.8m 5 tubes, With Double Water Traps, Dismountable
- $\phi 15$, 1.8米儿童呼吸管路
Pediatric, 1.8m, 5 tubes, with double water traps



BY-GL-A-4

- 1.8米 / 2.0米呼吸管路(加强管、双集水杯)
1.8m / 2.0m Smoothbore, With Double Water Traps

* 可根据客户要求加配短管、过滤器、气囊、接头等配件。

* Can add tubes, filters, breathing bags, connectors according to customers' requirement.

* 可根据客户要求加配短管、过滤器、气囊、接头等配件。

* Can add tubes, filters, breathing bags, connectors according to customers' requirement.



BY-GL-1 (A)

●可更换15M、15F、22M接头
Replaceable 15M、15F、22M Connector



BY-GL-1 (B)

●可更换15M、15F、22M接头
Replaceable 15M、15F、22M Connector



BY-GL-1 (C)

●可更换15M、15F、22M接头
Replaceable 15M、15F、22M Connector



BY-GL-1 (D)

●可更换15M、15F、22M接头
Replaceable 15M、15F、22M Connector



BY-GL-1 (E)

●可更换15M、15F、22M接头
Replaceable 15M、15F、22M Connector

- | | | | | |
|--|--|--|--|--|
| 001 管路三通L connector 22M / 15F, 22M | 002 管路三通A Aconnector 22M / 15F, 15M | 003 管路三通B Bconnector 22M / 15F, 22M | 004 管路三通C Cconnector 22M / 15F, 22M | 005 管路接头C connector 22M / 22F |
| 006 管路接头D connector 15M / 22F | 007 管路接头E connector 22M / 22F | 008 管路弯头A elbow 22M/15F, 15M | 009 管路弯头B elbow 22M/15F, 15M | 010 管路帽盖 blind cap 22F |
| 011 集水杯B watertrap 22M | 012 管路三通F elbow 15M, 22F | 013 管路三通H elbow 15M, 15M | 014 管路三通G elbow 15M, 15F | 015 管夹A tubing clip |
| 016 管夹B tubing clip | 017 管夹C tubing clip | 018 鼻夹 nose clip | 019 管路三通I tubing clip 15F, 15M | 020 无创过滤器 tubing clip 4.4M |
| 021 T型雾化三通 tubing clip 15F, 22M, 22M, 22F | 022 测压管 nose clip 3.6F, 5.8M | 023 管夹D tubing clip | 024 雾化三通 nebulization connector | 025 无创弯头C elbow C |
| 026 无创软管两通 (配无创小软帽盖B) connector (connected to blind cap B) | 027 无创软管两通 (配无创小软帽盖A) connector (connected to blind cap A) | | | |

*可根据客户要求加配短管、过滤器、气囊、接头等配件。
* Can add tubes, filters, breathing bags, connectors according to customers' requirement.

◆ 产品简介 / Product Introduction

— 一次性使用气管插管主要用于不能自主呼吸的病人或手术中需要呼吸麻醉的病人。气管插管经口腔插入至规定深度，在X线机的照射下，插入位置可通过插管上的X线可探测组件确定。气管插管连接注射器，通过充气腔向套囊内注入一定体积的气体，套囊充气后，除了起固定作用外，还可使插管外壁与气管壁之间形成密封。注射器拔下后，通过单向阀关闭阀门防止球囊气体外泄，医生可通过观察球囊瘪下或鼓起的状态来监控气囊是否处在正常工作状态。

— Disposable endotracheal tubes are used for patients who cannot breathe on their own or for patients who require breathing anaesthesia during surgery. The tubes are inserted through the mouth to a defined depth, and the insertion position can be determined by the X-ray detectable component on the tube under the light of the X-ray machine. The tubes are connected to a syringe, which injects a certain volume of gas into the sleeve through an inflatable lumen. When the sleeve is inflated, in addition to its immobilizing effect, it also forms a seal between the outer wall of the tube and the wall of the trachea. After the syringe is removed, the valve is closed by a one-way valve to prevent the balloon gas from leaking out, and the doctor can monitor whether the balloon is in normal working condition by observing the deflated or bulging state of the balloon.



| 产品名称 Product Name. | 产品型号 Model No. | 产品说明 Product Specification |
|--|-------------------|---|
| 一次性使用气管插管 Disposable endotracheal tubes | BY-CG-A1(2#-10#) | 无冲洗管功能的普通型Normal type without flushing tube |
| | BY-CG-A2(6#-9#) | 带冲洗管功能的普通型Normal type with flushing tube |
| | BY-CG-B1(2#-10#) | 无冲洗管功能的加强型Reinforced type without flushing tube |
| | BY-CG-B2(6#-9#) | 带冲洗管功能的加强型Reinforced type with flushing tube |



医用红外耳腔式体温计
Medical Infrared Ear
Cavity Thermometers
BY-TW-A01

显示范围: 32℃~42.9℃ (89.6°F~109.3°F)
工作条件:
环境温度: 10℃~40℃; 相对湿度: ≤85%
大气压力: 70KPa~106KPa; 电源电压: DC: 3V
测量误差:
35.0℃(含35℃)~42.0℃(含42℃)内 ±0.2℃
32.0℃~35.0℃和42.0℃~42.9℃内 ±0.3℃
屏幕颜色:
绿色: 35.8℃ ≤ T ≤ 37.5℃ 红色: T > 38.0℃
不显示颜色: 32℃ ≤ T < 35.8℃
测量间隔时间: ≥5S
自动关机时间: 60 ± 15S
记忆数据: 10组

Display range: 32℃~42.9℃ (89.6°F~109.3°F)
Working conditions:
Ambient temperature: 10℃~40℃;
Relative humidity: ≤85%
Atmospheric pressure: 70KPa~106KPa;
Supply voltage: DC: 3V
Measurement error:
35.0℃ (including 35℃)~42.0℃ (including 42℃) ±0.2℃
32.0℃~35.0℃ and 42.0℃~42.9℃ ±0.3℃
Screen colour:
Green: 35.8℃ ≤ T ≤ 37.5℃ Red: T > 38.0℃
No display Colour: 32℃ ≤ T < 35.8℃
Measuring interval time: ≥5S
Auto power-off time: 60 ± 15S
Memory data: 10 groups

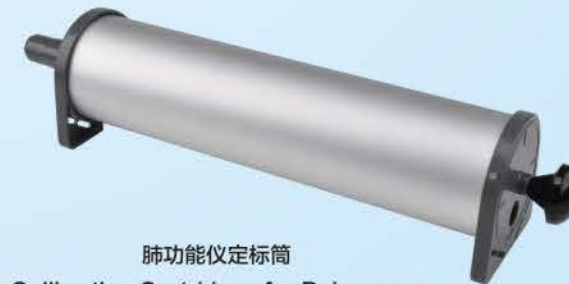


Display range: 32℃~42.9℃ (89.6°F~109.3°F)
Working conditions:
Ambient temperature: 10℃~40℃;
Relative humidity: ≤85%
Atmospheric pressure: 70KPa~106KPa;
Supply voltage: DC: 3V
Measurement error:
35.0℃ (including 35℃)~42.0℃ (including 42℃) ±0.2℃
32.0℃~35.0℃ and 42.0℃~42.9℃ ±0.3℃
Screen colour:
Green: 35.8℃ ≤ T ≤ 37.5℃ Red: T > 38.0℃
No display Colour: 32℃ ≤ T < 35.8℃
Measuring interval time: ≥5S
Auto power-off time: 60 ± 15S
Memory data: 10 groups

显示范围: 32℃~42.9℃ (89.6°F~109.3°F)
工作条件:
环境温度: 10℃~40℃; 相对湿度: ≤85%
大气压力: 70KPa~106KPa; 电源电压: DC: 3V
测量误差:
35.0℃(含35℃)~42.0℃(含42℃)内 ±0.2℃
32.0℃~35.0℃和42.0℃~42.9℃内 ±0.3℃
屏幕颜色:
绿色: 35.8℃ ≤ T ≤ 37.5℃ 红色: T > 38.0℃
不显示颜色: 32℃ ≤ T < 35.8℃
测量间隔时间: ≥5S
自动关机时间: 60 ± 15S
记忆数据: 10组



医用红外额温计
Medical Infrared Forehead
Thermometer
BY-TW-B01



肺功能仪定标筒
Calibration Cartridges for Pulmonary
Function Measuring Equipment
BY-DBT-1

容量: 3000ml
精度: ±12ml
接口: 外径30mm
工作温度: 15℃~40℃
存储温度: 0℃~50℃
存储相对湿度: 10%RH~95%RH
尺寸: W565*H125*D118.5(mm)
重量: 1.6kg

Capacity: 3000ml
Accuracy: ±12ml
Interface: Od30mm
Operating Temperature: 15℃~40℃
Storage Temperature: 0℃~50℃
Storage Relative Humidity: 10% RH~95% RH
Dimensions: W565*H125*D118.5 (mm)
Weight: 1.6kg