

CARDIO THORACIC RANGE



MEDICAL DEVICES

REDAX™

DRENTECH™ LINE

WET-WET

Aa1



DRENTECH™ COMPACT

Code : **10105** with lock-in & clamp

Capacity : 2.100 ml

Pressure range: -5 to -25cmH₂O

4 units per box

DRENTECH™ COMPACT S

Code : **10130** (Compact + neonatal patient tube)

Capacity : 2.100 ml

Pressure range : -5 ÷ -25 cm H₂O

4 units per box



NEONATAL PATIENT TUBE

Code : **10564**

DRENTECH PATIENT TUBE WITH
INTEGRATED HEIMLICH VALVE

10 units per box



DRENTECH™ COMPACT DOUBLE

Code : **10102** with lock-in & clamp

Capacity : 2.100 ml

DOUBLE PATIENT TUBE

Pressure range: -5 to -25 cmH₂O

4 units per box



DRENTECH™ ANEMOS

Code : **10101**

Capacity : 2.000 ml

PNEUMONECTOMY SYSTEM

Double control chamber: -13 and +1cm H₂O

4 units per box

WET - WET

DRENTECH™ LINE

FEATURES

Stable design in 25 cm height

without additional floor stand.

Practical hangers to fix and transport the chest unit.

Collection chamber

Collection chamber with millilitre graduated scale and provided with self sealing sampling port.

Underwater seal chamber

Monitoring the air leakages of the patient and showing the fluctuations of the water column level.

Integrated Auto-regulation system

Drentech can be used in connection with all vacuum sources, at different level of negative pressure without any water migration from the chamber.

No more fine tuning adjustment of vacuum.

Automatic positive pressure

and filtered negative pressure relief valve.

Adult Paediatric scale

Neonatal application in combination with connection tube [10564]

Anemos for pneumonectomy

Double control chamber for negative - 13 cmH₂O and positive pressure + 1 cmH₂O.

Single-use, sterile.

DRENTECH™ LINE

WET-DRY

Aa2



DRENTECH™ VARIANT

Code : 10112 with lock-in and clamp

Capacity : 2.100 ml

Pressure range: -5 to -40cmH₂O

4 units per box

DRENTECH™ VARIANT S

Code : 10117 (Variant + neonatal patient tube)

Capacity : 2.100 ml

Pressure range: -5 to -40cmH₂O

4 units per box



DRENTECH™ VARIANT DOUBLE

Code : 10119 with clamp and lock-in

Capacity : 2.100 ml

DOUBLE PATIENT TUBE

Pressure range: -5 to -40cmH₂O

4 units per box

WET - DRY

DRENTECH™ LINE

FEATURES

Stable design in 25 cm height

without additional floor stand.

Practical hangers to fix and transport the chest unit.

Collection chamber

Collection chamber with millilitre graduated scale and equipped with self sealing sampling port.

Underwater seal chamber

Monitoring the patient's air leakages and showing the fluctuations of the water column level.

Dry suction control chamber

Dry seal calibrated suction ranging from -5 to -40cmH₂O.

An easy-to-read visual indicator ensures to define precise vacuum suction level; a specific red floater indicator shows when suction is active.

Integrated Auto-regulation system

Drentech can be used in connection with all vacuum sources, at different level of negative pressure. No more fine tuning adjustment of vacuum.

Automatic positive pressure

and filtered negative pressure relief valve.

Adult Paediatric scale

Neonatal application in combination with connection tube [10564].

Single-use, sterile.

DRENTECH™ LINE

DRY-DRY

Aa3



DRENTECH™ DUNE

Code : **10113** with lock-in & clamp

Capacity : 2.100 ml

TOTALLY DRY SYSTEM

Pressure range: -5 to -40cmH₂O

4 units per box



DRENTECH™ DUNE DOUBLE

Code : **10137**

Capacity : 2.100 ml

TOTALLY DRY SYSTEM

DOUBLE PATIENT TUBE

Pressure range: -5 to -40cmH₂O

4 units per box

DRY - DRY

DRENTECH™ LINE

FEATURES

Stable design in 25 cm height

without additional floor stand.

Practical hangers to fix
and transport the chest unit.

Collection chamber

Collection chamber with millilitre graduated scale
and provided with
self sealing sampling port.

Monitoring underwater seal chamber

Filled with water, allows to visualize air leakages.

The integrated dry seal valve avoids the air
leakages flows back to the patient during
normal drainage function.

Dry suction control chamber

Dry seal calibrated suction ranging
from -5 to -40cmH₂O.

An easy-to-read visual indicator ensures
to define precise vacuum suction level;
a specific red floater indicator shows
when suction is active.

Integrated Auto-regulation system

Drentech can be used in connection with all vacuum sources, at
different level of negative pressure without any water migration
from the chamber.

No more fine tuning adjustment of vacuum.

Automatic positive pressure

and filtered negative
pressure relief valve.

Single-use, sterile.

DRENTECH™ LINE

Autotransfusion

Aa4



DRENTECH™ EMOTRANS

Code : 10161 with clamp

Capacity : 2.100 ml

Pressure range: -5 to -25cmH₂O

4 units per box

Code : 10166 (Emotrans + connection tube to Cell-Saver)

Capacity : 2.200 ml

Pressure range : -5 ÷ -25 cm H₂O

4 units per box



DRENTECH™ EMOTRANS DOUBLE

Code : 10162 with clamp

Capacity : 2.100 ml

DOUBLE PATIENT TUBE

Pressure range: -5 to -25cmH₂O

4 units per box



DRENTECH™ EMOTRANS DUNE

Code : 10140 with clamp and lock-in

Capacity : 2.100 ml

TOTALLY DRY SYSTEM

Pressure range: -5 to -40cmH₂O

4 units per box



DRENTECH™ BLOOD BAG

Code : 10141

Capacity : 800 ml

10 units per box

FEATURES

Stable design in 25 cm height

without additional floor stand.

Practical hangers to fix
and transport the chest unit.

Collection chamber

Provided with 200µm porous filter for the preliminary filtering of
blood during collection.

Monitoring underwater seal chamber

The water sealed chamber,
acting as a one-way valve, allows only the air to exit from the
chest cavity.

Blood recovery bag

for autologous transfusion to the patient.

An integrated 40µm aggregates filter
allows blood treatment of micro-aggregates
before re-infusion to the patient.

The bag is completely independent from the drainage system
and can be connected on demand.

Fresh blood samples through

self-sealing sampling port
in the chamber inlet below the patient tube.

Single-use, sterile.

DRENTECH™ LINE

3-MOBILE PROJECT

Aa5

RED-LINE Unit



DRENTECH™ RED-LINE

Code : 10188

DIGITAL VACUUM UNIT

1 unit per box

PROTECTION FILTER

Code : 10539

PROTECTION FILTER FOR DEVICE UNIT

36 units per box



DRENTECH™ SIMPLE 3

Code : 10128 with lock-in and clamp

Capacity : 2.200 ml

DOUBLE CHAMBERS SYSTEM

4 units per box

DRENTECH™ SIMPLE 3 EVO

Code : 10125 with lock-in and clamp

Capacity : 2.200 ml

DOUBLE CHAMBERS SYSTEM

4 units per box

RED-LINE

3-mobile project

DRENTECH™ LINE

FEATURES

DRENTECH™ SIMPLE 3

Stable design in 25 cm height

without additional floor stand.

Practical hangers to fix and transport the chest unit.

Collection chamber

Collection chamber with millilitre scale graduated for paediatric application and provided with self sealing sampling port.

Underwater seal chamber

Filled with water, allows to visualize air leakages.

Standard wall suction

The Simple3 system can also operate by standard wall suction.

Maximum recommended suction pressure: -60 cmH₂O.

Single-use, sterile.

DRENTECH™ RED-LINE

Negative pressure

Negative pressure regulated through key-board between -5 and -60 cmH₂O, stepped 5 cmH₂O.

Drentech Red-Line is provided with **acoustic and lightning alarms.**

Up to 48 hours of independent use with full charge.

DRENTECH™ RED-LINE

3-MOBILE PROJECT

RED-LINE Unit



DRENTECH™ SIMPLY

Code : 10181 with lock-in

Capacity : 1.200 ml

DOUBLE CHAMBERS SYSTEM

12 units per box

Code : 10171 with lock-in

Capacity : 1.200 ml

SPARE BOTTLE

12 units per box

Code : 10537 with lock-in

SPARE SIMPLY PATIENT TUBE

24 units per box



DRENTECH™ mini SIMPLY

Code : 10182 with lock-in

Capacity : 400 ml

DOUBLE CHAMBERS SYSTEM

12 units per box

TECHNICAL FEATURES

DRENTECH SIMPLY

Innovative hybrid single bottle drainage system

without additional floor stand.

Practical hangers to fix
and transport the chest unit.

Collection chamber

Collection chamber with millilitre scale graduated with 400ml or
1200 of capacity

Underwater seal chamber

Large chamber wich allows a clear air leak visualization

Aspirazione a muro

Standard wall suction

The Simply system can also operate
by standard wall suction.

Maximum recommended suction
pressure: -60 cmH₂O.

Single-use, sterile.

DRENTECH RED-LINE

Simply and Redline are meant to be together, exalting
each other features with an innovative design.

Complete freedom for the patient, indipendence from
suction sources

DRENTECH™ LINE

3-MOBILE PROJECT

PALM EVO



DRENTECH™ PALM EVO

Code : 10192

DEVICE UNIT for INDEPENDENT SUCTION
and AIR-LEAKAGE monitoring

1 unit per box



PROTECTION FILTER

Code : 10538

PROTECTION FILTER FOR DEVICE UNIT

36 units per box



DRENTECH™ SIMPLE 3 EVO

Code : 10125 with lock-in and clamp

Capacity : 2.600 ml

DOUBLE CHAMBERS SYSTEM

4 units per box

FEATURES

DRENTECH™ SIMPLE 3

Stable design in 25 cm height
without additional floor stand.

Practical hangers to fix
and transport the chest unit.

Collection chamber

Collection chamber with millilitre scale graduated
for paediatric application and equipped with
self sealing sampling port.

Underwater seal chamber

Filled with water, allows to visualize air leakages.

Standard wall suction

The Simple3 system can also operate
by standard wall suction.

Maximum recommended suction
pressure: -60 cmH₂O.

Single-use, sterile.

DRENTECH™ PALM EVO

Negative pressure selection

through keyboard between 0 and -60 cmH₂O,
stepped 5 cmH₂O after 10 cmH₂O.

Real time air leakage, historical air leakage and intra-pleural pressure data, available in digital and graphic mode.

PalmEvo permits **99 hours data storage**
and USB-key for downloading.

Touch-screen monitor for an easier user interface.

Up to **36 hours of independent use**
with full charge.

DRENTECH™ LINE

DOUBLE LUMEN PATIENT TUBE



DRENTECH™ SIMPLE 3 double lumen

Code : 10186

Capacity : 2.600 ml

WITH A MEMBRANE FILTER (one connection)

4 units per box



DRENTECH™ SIMPLE 3 double lumen

Code : 10187

Capacity : 2.600 ml

WITH A MEMBRANE FILTER (Y connection)

4 units per box

FEATURES

DRENTECH™ SIMPLE 3 double lumen

Stable design in 25 cm height

without additional floor stand.

Practical hangers to fix
and transport the chest unit.

Double patient lumen tube

allows to drain air and liquids SEPARATELY,
to the collection chamber.

Collection chamber

Collection chamber with millilitre scale graduated
for paediatric application and equipped with
self sealing sampling port.

Underwater seal chamber

Filled with water, allows to visualize air leakages.

The systems can be connected with
PalmEvo unit allowing addition option
of mobilization, air leakage and
intrapleural pressure monitoring.

Standard wall suction

The Simple3 system can also operate
by standard wall suction.

Maximum recommended suction
pressure: -60 cmH₂O.

Single-use, sterile.

DRENTECH™ LINE

Single chamber



DRENTECH™ CHEST

Code : 10190

Capacity : 2.300 ml

SINGLE CHAMBER WITH FIXED STRAW

6 units per box



DRENTECH™ CHEST

Code : 10191

Capacity : 2.300 ml

SINGLE CHAMBER WITH ADJUSTABLE STRAW

6 units per box

FEATURES

SINGLE CHAMBER

Solid and compact design with only 25 cm height

Allows stability without any additional floor stand.
Practical hangers to fix and transport chest unit.

Monitoring underwater seal chamber

Air leakages readable in the front side in order to detect patient's conditions when fluid collected fill the chamber.

Standard wall suction

The Drentech Chest system can also operate
with standard wall suction.

Maximum recommended suction
pressure: -60 cmH₂O.

Single-use, sterile.

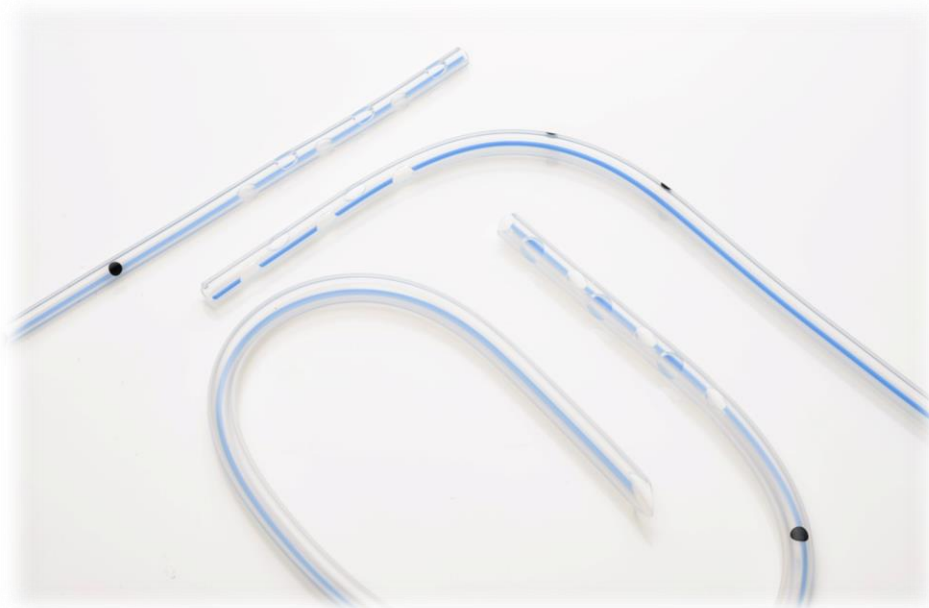
The Drentech Chest can be connected with Red-line Unit

allowing the additional option of mobilization.

This configuration is completely independent from external vacuum source
and allows the immediate mobilization of the patient after the surgical operation.

THORACIC CATHETERS

Silicone



STRAIGHT – 50 cm length

code	size (CH)
20812	12
20815	15
20818	18
20821	21
20824	24
20828	28
20830	30
20833	33
20836	36

20 pieces per box

STRAIGHT – 70 cm length

code	size (CH)
22824	24
22828	28
22830	30
22833	33
22836	36

20 pieces per box

ANGLED – 50 cm length

code	size (CH)
21824	24
21828	28
21830	30
21833	33
21836	36

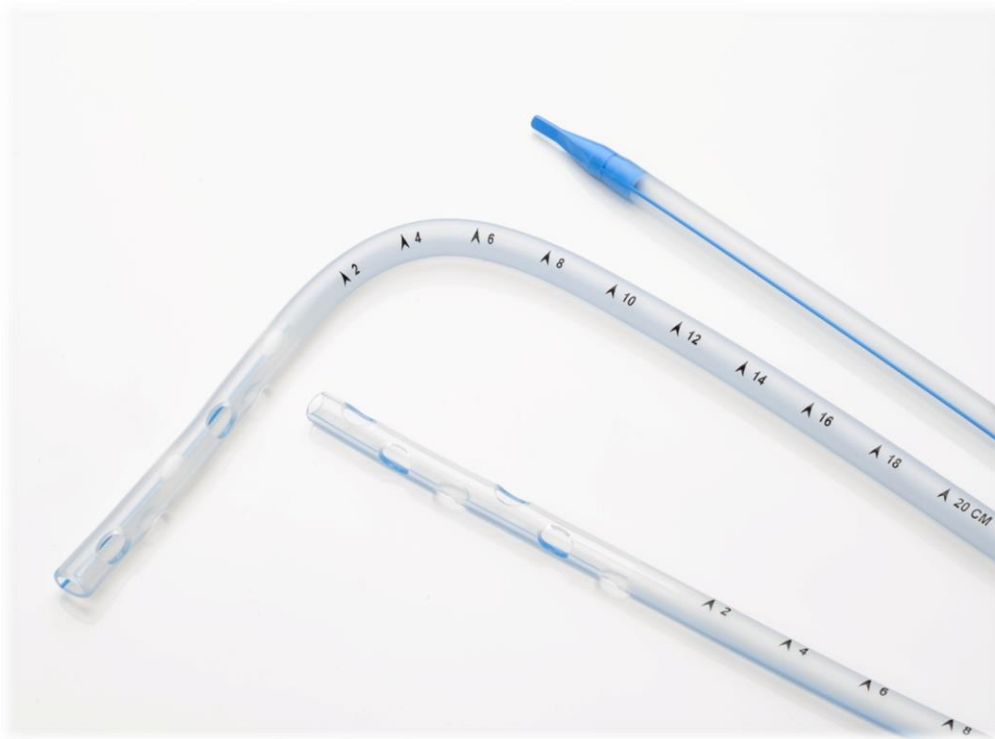
20 pieces per box

Medical grade silicone catheters totally bio- and haemo-compatible.

Bevelled end tip facilitates insertion in the chest wall and allows the chest tube to be cut on an angle to desired length. Tapered oval drainage eyes maximize drainage performance and help prevent tissue damage and clot adhesion. Thoracic catheters are available straight and right angled with 50 cm long. Single-use, sterile.

THORACIC CATHETERS

PVC



STRAIGHT – 45 cm length

code	size (CH)
21016	16
21020	20
21024	24
21028	28
21030	30
21032	32
21036	36
21040	40

25 pieces per box

ANGLED – 45 cm length

code	size (CH)
20916	16
20920	20
20924	24
20928	28
20930	30
20932	32
20936	36
20940	40

10 pieces per box

Thermo-sensitive PVC conforms easily to anatomical contour for superior patient comfort and improved drainage performance, kink resistant. Sealed blue tip facilitates insertion in the chest wall and allows the chest tube to be cut on an angle to desired length. Tapered oval drainage eyes maximize drainage performance and help prevent tissue damage and clot adhesion. X-ray line aids in accurate positioning. Single-use, sterile.

TROCAR THORACIC CATHETERS

BLUNT TIP



code	size (CH)	length
21108	8	22 cm
21110	10	22 cm
21112	12	25 cm
21116	16	25 cm
21118	18	40 cm
21120	20	40 cm
21124	24	40 cm
21128	28	40 cm
21132	32	40 cm

10 pieces per box

PVC tubing resists kinking and conforms to anatomical structures to provide patient comfort. Metallic $\frac{3}{4}$ trocar realized in aluminium internally placed the PVC catheters. Tapered oval drainage eyes maximize drainage performance and help prevent tissue damage and clot adhesion. Integrated funnel tip allows for insertion and simple attachment to the connector of any chest drainage unit. Adaptor for chest drain connection included. Single-use, sterile.

TROCAR THORACIC CATHETERS

SHARP TIP



code	size (CH)	length
11216	16	25 cm
11220	20	40 cm
11224	24	40 cm
11228	28	40 cm
11232	32	40 cm

10 pieces per box

PVC tubing kink resistant conforms to anatomical structures to provide patient comfort. Metallic $\frac{3}{4}$ trocar realized in aluminium internally placed the PVC catheters. Integrated funnel tip allows for insertion and simple attachment to the connector of any chest drainage unit. Trocar catheters are available with sharp open tip for insertion in the wall chest Adaptor for chest drain connection included. Single-use, sterile.

HEIMLICH VALVE

Heimlich valve is used to treat spontaneous and tension pneumothorax in emergency situations.



PRODUCT DESCRIPTION

The device consist of a plastic body with and internal one-way valve.

Heimlich valve is connected to the catheter via the tapered connector.

The valve allows air to vent from the pneumothorax to the atmosphere, but prevents reverse flow.

Heimlich valve is also available as a complete set with a pre-connected collection bag.

The 2000 ml bag is equipped with tap to empty the liquid and an air vent valve to release air-leaks from patient.

Single-use, sterile.



code
10530

50 pieces per box

code	bag capacity
10531	2000 ml

10 pieces per box

CONNECTORS

for chest drainage

DRAWING	DESCRIPTION	SIZE	CODE
	Pediatric connector	CH 15 ÷ 18	10500 50 pieces per box
	Symmetrical connector	CH 24 ÷ 36	10507 50 pieces per box
	Symmetrical connector	CH 28 ÷ 40	10509 50 pieces per box
	Connector for Spiral drain	CH 18 ÷ 24	10527 50 pieces per box
	3/8" Y connector	CH 15 ÷ 18	10528 50 pieces per box
	Y connector	CH 9 ÷ 12	10508 50 pieces per box
	3/8" Y connector	CH 24 ÷ 32	10515 50 pieces per box
	1/4" Y connector	CH 24 - 32	10516 50 pieces per box
	3/8" Y connector	CH 36 ÷ 40	10510 50 pieces per box

CONNECTORS

For chest drainage

Ad2

DRAWING

DESCRIPTION

SIZE

CODE



1/4" Y connector for
Kardia Spiral

CH 18 ÷ 24

10513

50 pieces per box



3/8" Y connector for
Kardia Spiral

CH 18 ÷ 24

10518

50 pieces per box



3/8" connector with
sampling needle-less port

CH 28 ÷ 40

10514

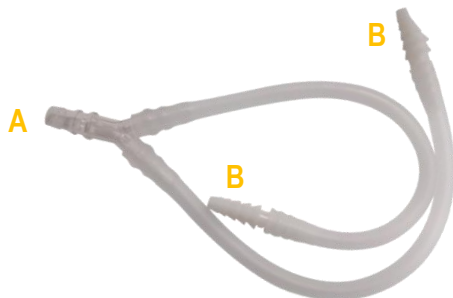
50 pieces per box



luer-lock connector

10504

20 pieces per box



Y connector with
extension line

CH 28 ÷ 40

10512

10 pieces per box



Connection tube for Cell
Saver™ device

10525

50 pieces per box



Cap for double
lumen tube

10547




50 pieces per box

Single-use, sterile.

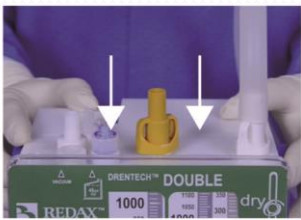
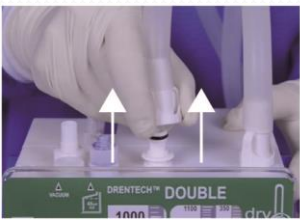
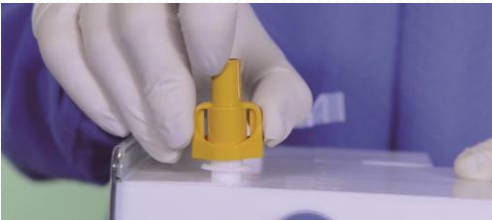
ACCESORIES

CONNECTORS

For chest drainage

DRAWING	DESCRIPTION	SIZE	CODE
	luer-lock Drentech connector		10548 50 pieces per box
	Drentech cap	---	10529 50 pieces per box
	Needle-less sampling port	---	10566 50 pieces per box
Single-use, sterile.			

Cap



Needle-less

