



## PRODUCT CATALOG

BREATHING CIRCUITS AND ACCESSORIES  
MEDICAL CATHETERS  
MEDICAL URINE BAGS



ASOMEDICA Co. Ltd.

# WE INVITE YOU TO COOPERATE

Asomedica Co. Ltd. produces medical products that are in demand by healthcare institutions of the Republic of Belarus and other EAEU countries.

Becoming a global company in the field of consumable medical materials, we provide full support to clients from development to implementation.

- ☑ A wide range of available consumables
- ☑ Possibility to implement a customized order
- ☑ Own modern high-tech production
- ☑ Skilled personnel
- ☑ Excellent office and storage facilities
- ☑ Sales and post-sales support in each region
- ☑ Optimal price/quality ratio



ISO 13485

Asomedica Co. Ltd. is a Belarusian manufacturer of medical consumables and a distributor of medical equipment from global manufacturers. The company was founded in 2006 in Minsk in order to explore, introduce and develop new technologies in everyday medical practice.

Our credibility is confirmed by intensive work not only on the territory of the Republic of Belarus. We export products to the markets of the Russian Federation, Republic of Kazakhstan, Kyrgyz Republic, Ukraine and Uzbekistan.

Our service department and team of qualified engineers allow us to carry out installation, commissioning, warranty and post-warranty maintenance of the supplied equipment. In addition, all products are manufactured in accordance with international standards ISO 13485.

All this makes Asomedica Co. Ltd. a reliable partner.



# PRODUCT CATALOG

# CONTENT

## 01

### BREATHING CIRCUITS

TUBES	6
WITHOUT MOISTURE COLLECTOR	7
WITH ONE MOISTURE COLLECTOR	10
WITH TWO MOISTURE COLLECTORS	12
NEONATAL (10M)	14
COAXIAL	17

### SYMBOLS USED IN THE CATALOG

<b>K</b>	Configurable corrugated
<b>H</b>	Non-configurable corrugated
<b>Г</b>	Smooth-bore

## 02

### ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

BREATHING MASK	20
LARYNGEAL MASK	21
OXYGEN MASK	22
AEROSOL MASK	23
BREATHING BAG	24
AMBU BREATHING BAG	25
BACTERIAL AND VIRAL BREATHING FILTERS	27
TRACHEOSTOMY HEAT AND MOISTURE EXCHANGER	30
AIRWAYS	31
ACCESSORIES	32
MEDICAL CONNECTORS	34
LUER CAPS	37

<b>KAg</b>	Configurable corrugated antimicrobial (with silver ions)
<b>Hag</b>	Non-configurable corrugated (with silver ions)

PRODUCT CATALOG

# CONTENT

---

## 03

---

### MEDICAL CATHETERS

NELATON MALE	39
FEMALE	40
TIEMANN MALE	41
FEEDING	42
UMBILICAL	43
STOMACH (TUBE)	44
SUCTION	45
SUCTION TUBE WITH VACUUM LEVEL CONTROL	46
RECTAL	47
DUODENAL LEVINE SUCTION CATHETER	48
DUODENAL LEVINE FEEDING CATHETER	49
OXYGEN	50
SURGICAL DRAIN	51
REDON	52
CONNECTING (TUBE)	53
TUBE IN COILS	54

## 04

---

### MEDICAL URINE BAGS

BEDSIDE URINE BAGS	56
LEG URINE BAGS	57
ESMARCH'S IRRIGATOR	58

# 01 BREATHING CIRCUITS

The breathing circuit is designed to provide respiratory support in the intensive care unit, as well as to deliver and withdraw the controlled gas mixture to the patient.

Breathing circuits are made of polymer materials and can be used once or multiple times in sterile and non-sterile versions. Length range: 0.4-3.0 m.

Circuits are equipped with various components and accessories. Components included in a circuit may be packaged in a separate individual package and then put together with the product in the general packaging, or enclosed next to it.

Breathing circuits with heating wires deliver a heated breathing mixture and also prevent condensation.

**Breathing circuits manufactured by Asomedica Co. Ltd. are compatible with most lung ventilators and anesthesia and respiratory devices.**

## ADULT BREATHING CIRCUITS (22M)

## PEDIATRIC BREATHING CIRCUITS (15M)

## NEONATAL BREATHING CIRCUITS (10M)

*\*Виды, размерность и количество изделий определяются заказчиком и отражаются в документации, в том числе в товаросопроводительной документации, документации, относящейся непосредственно к изделию.*

## BREATHING CIRCUIT WITHOUT MOISTURE COLLECTOR

## BREATHING CIRCUIT WITH ONE MOISTURE COLLECTOR

## BREATHING CIRCUIT WITH TWO MOISTURE COLLECTORS

## COAXIAL CIRCUIT

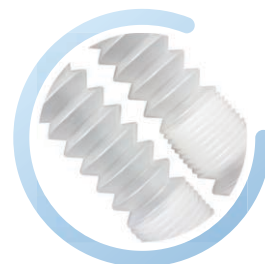
*\*Available with any type of tubes: configurable corrugated, non-configurable corrugated, corrugated antimicrobial, smoothbore.*

# 01/1 BREATHING CIRCUITS TUBES

The following versions of tubes can be used for breathing circuit manufacturing:

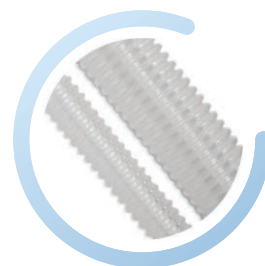
## CONFIGURABLE CORRUGATED

- ✔ Less space during storage and transportation
- ✔ Adjustable length and volume of the circuit dead space
- ✔ Kink resistance
- ✔ High strength



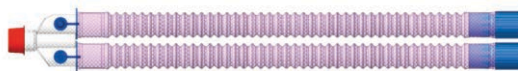
## NON-CONFIGURABLE CORRUGATED

- ✔ Soft and flexible
- ✔ Low weight
- ✔ Economical version



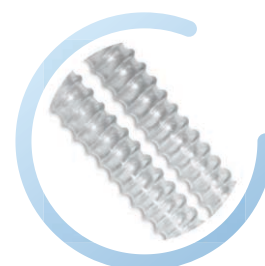
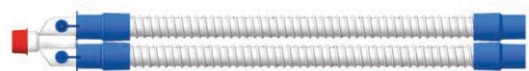
## CONFIGURABLE / NON-CONFIGURABLE CORRUGATED ANTIMICROBIAL

- ✔ Prevent the growth of pathogenic bacteria due to the addition of active silver ions to the material
- ✔ Significant decrease in nosocomial infections



## SMOOTH-BORE

- ✔ Low flow resistance
- ✔ High strength due to reinforced surface
- ✔ Smooth inner surface prevents condensation
- ✔ Kink resistance
- ✔ Transparency



# 01/2 BREATHING CIRCUITS WITHOUT MOISTURE COLLECTOR

- ✓ Circuit length of 0.4 m to 3.0 m.
- ✓ Length and configuration of the breathing circuit can be agreed with the customer.
- ✓ Non-sterile or sterilized with ethylene oxide.
- ✓ Sterile products are packed in individual sterile packaging.
- ✓ Moisture protection during storage.
- ✓ Apyrogenic, non-toxic, phthalate-free.



## Single-use, consisting of:

- Y-adapter (0-2 pcs);
- Straight adapter (1-10 pcs);
- Angle adapter (0-5 pcs);
- Articulated adapter (0-5 pcs);
- T-connector (0-3 pcs);
- Filter with/without heat and moisture exchange (0-5 pcs);
- Humidifier (0-2 pcs);
- Tube (1-10 pcs);
- Breathing bag, volume: 500 ml, 1000 ml, 2000 ml, 3000 ml (0-5 pcs);
- Breathing mask, size: 0, 1, 2, 3, 4, 5, 6 (0-5 pcs);
- Heating wire (0-2 pcs);
- Monitoring line (0-5 pcs).

## Reusable, consisting of:

- Y-adapter (0-2 pcs);
- Straight adapter (1-10 pcs);
- Angle adapter (0-5 pcs);
- T-connector (0-3 pcs);
- Tube (1-10 pcs);
- Breathing bag, volume: 500 ml, 1000 ml, 2000 ml, 3000 ml (0-5 pcs);
- Breathing mask, size: 0, 1, 2, 3, 4, 5, 6 (0-5 pcs);
- Laryngeal mask, size: 1; 1.5; 2; 2.5; 3; 4; 5 (0-5 pcs)

## EQUIPMENT

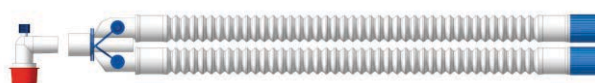
- Y-adapter (1 pc)
- Straight adapter (2 pcs)
- Tubes (2 pcs)



Ø 22M	3300K	3300H	3300Г	3300KAg	3300HAg
Ø 15M	5500K	5500H	5500Г	5500KAg	5500HAg

## EQUIPMENT

- Y-adapter (1 pc)
- Straight adapter (2 pcs)
- Angle adapter (1 pc)
- Tubes (2 pcs)



Ø 22M	3301K	3301H	3301Г	3301KAg	3301HAg
Ø 15M	5501K	5501H	5501Г	5501KAg	5501HAg

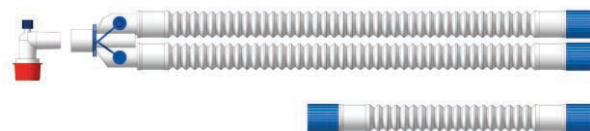


# 01/2

## BREATHING CIRCUITS WITHOUT MOISTURE COLLECTOR

### EQUIPMENT

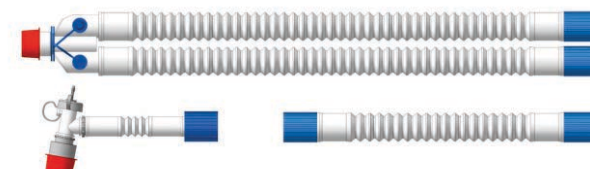
- Y-adapter (1 pc)
- Straight adapter (4 pcs)
- Angle adapter (1 pc)
- Tubes (3 pcs)



Ø 22M	3302K	3302H	3302Г	3302KAg	3302HAg
Ø 15M	5502K	5502H	5502Г	5502KAg	5502HAg

### EQUIPMENT

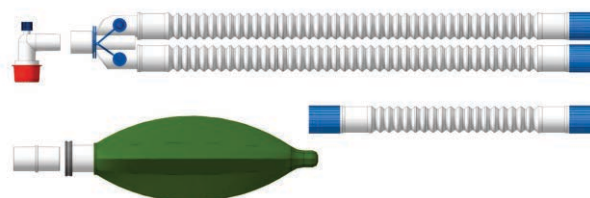
- Y-adapter (1 pc)
- Straight adapter (4 pcs)
- Articulated adapter (1 pc)
- Tubes (3 pcs)



Ø 22M	3303K	3303H	3303Г	3303KAg	3303HAg
Ø 15M	5503K	5503H	5503Г	5503KAg	5503HAg

### EQUIPMENT

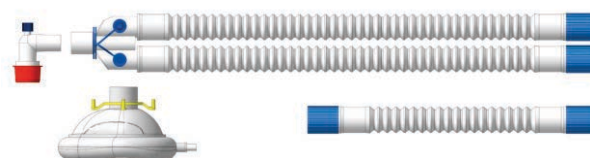
- Y-adapter (1 pc)
- Straight adapter (5 pcs)
- Angle adapter (1 pc)
- Tubes (3 pcs)
- Breathing bag (1 pc)



Ø 22M	3304K	3304H	3304Г	3304KAg	3304HAg
Ø 15M	5504K	5504H	5504Г	5504KAg	5504HAg

### EQUIPMENT

- Y-adapter (1 pc)
- Straight adapter (4 pcs)
- Angle adapter (1 pc)
- Tubes (3 pcs)
- Breathing mask (1 pc)

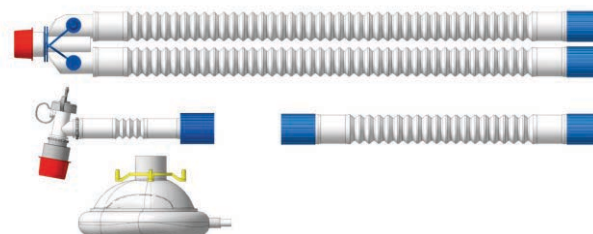


Ø 22M	3400K	3400H	3400Г	3400KAg	3400HAg
Ø 15M	5600K	5600H	5600Г	5600KAg	5600HAg

# 01/2 BREATHING CIRCUITS WITHOUT MOISTURE COLLECTOR

## EQUIPMENT

- Y-adapter (1 pc)
- Straight adapter (4 pcs)
- Articulated adapter (1 pc)
- Tubes (3 pcs)
- Breathing mask (1 pc)



Ø 22M	3401K	3401H	3401Г	3401KAg	3401HAg
Ø 15M	5601K	5601H	5601Г	5601KAg	5601HAg

## EQUIPMENT

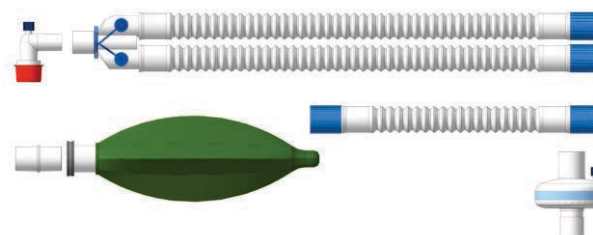
- Y-adapter (1 pc)
- Straight adapter (2 pcs)
- Angle adapter (1 pc)
- Filter with/without heat and moisture exchange (1 pc)
- Tubes (2 pcs)



Ø 22M	3500K	3500H	3500Г	3500KAg	3500HAg
Ø 15M	5700K	5700H	5700Г	5700KAg	5700HAg

## EQUIPMENT

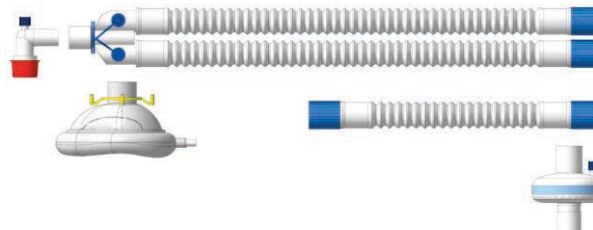
- Y-adapter (1 pc)
- Straight adapter (5 pcs)
- Angle adapter (1 pc)
- Filter with/without heat and moisture exchange (1 pc)
- Tubes (3 pcs)
- Breathing bag (1 pc)



Ø 22M	3501K	3501H	3501Г	3501KAg	3501HAg
Ø 15M	5701K	5701H	5701Г	5701KAg	5701HAg

## EQUIPMENT

- Y-adapter (1 pc)
- Straight adapter (4 pcs)
- Angle adapter (1 pc)
- Filter with/without heat and moisture exchange (1 pc)
- Tubes (3 pcs)
- Breathing mask (1 pc)

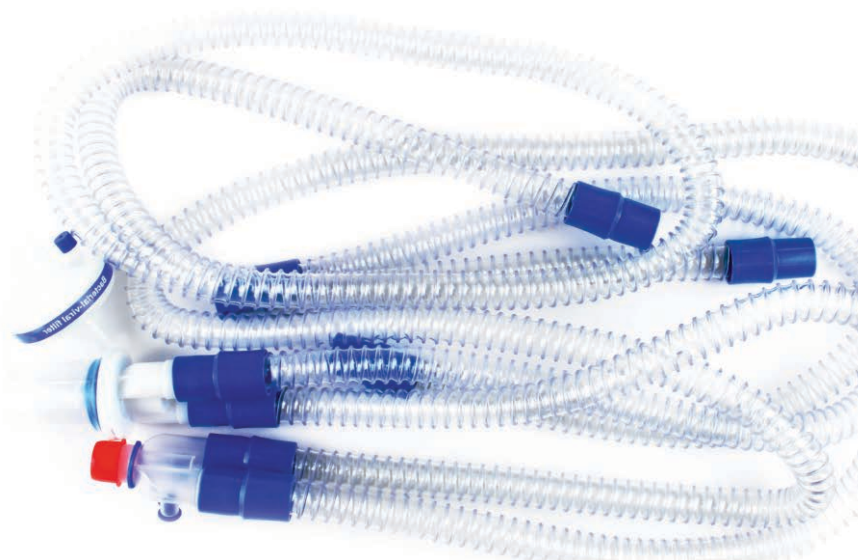


Ø 22M	3502K	3502H	3502Г	3502KAg	3502HAg
Ø 15M	5702K	5702H	5702Г	5702KAg	5702HAg

# 01/3 BREATHING CIRCUITS WITH ONE MOISTURE COLLECTOR

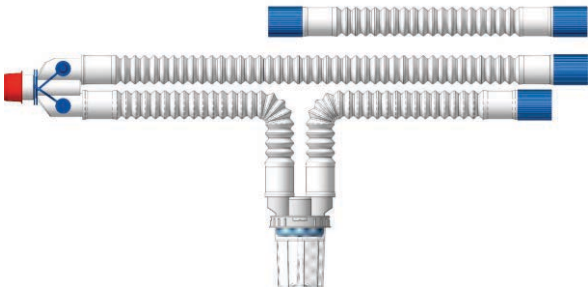
Single-use, consisting of:

- Y-adapter (0-2 pcs);
- Straight adapter (1-10 pcs);
- Angle adapter (0-5 pcs);
- Articulated adapter (0-5 pcs);
- T-connector (0-3 pcs);
- Moisture collector (1 pc);
- Filter with/without heat and moisture exchange (0-5 pcs);
- Humidifier (0-2 pcs);
- Tube (0-10 pcs);
- Breathing bag, volume: 500 ml, 1000 ml, 2000 ml, 3000 ml (0-5 pcs);
- Breathing mask, size: 0, 1, 2, 3, 4, 5, 6 (0-5 pcs);
- Heating wire (0-2 pcs);
- Monitoring line (0-5 pcs).



EQUIPMENT

- Y-adapter (1 pc)
- Straight adapter (4 pcs)
- Moisture collector (1 pc)
- Tubes (4 pcs)

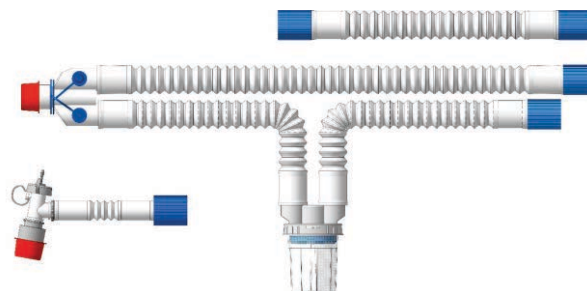


Ø 22M	3402K	3402H	3402Г	3402KAg	3402HAg
Ø 15M	5602K	5602H	5602Г	5602KAg	5602HAg

# 01/3 BREATHING CIRCUITS WITH ONE MOISTURE COLLECTOR

## EQUIPMENT

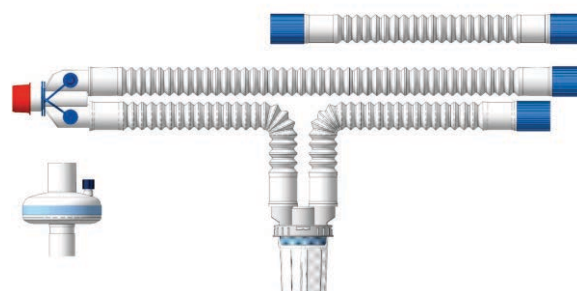
- Y-adapter (1 pc)
- Straight adapter (4 pcs)
- Articulated adapter (1 pc)
- Moisture collector (1 pc)
- Tubes (4 pcs)



Ø 22M	3403K	3403H	3403Г	3403KAg	3403HAg
Ø 15M	5603K	5603H	5603Г	5603KAg	5603HAg

## EQUIPMENT

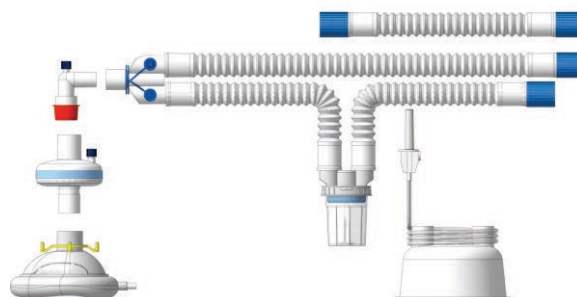
- Y-adapter (1 pc)
- Straight adapter (4 pcs)
- Moisture collector (1 pc)
- Filter with/without heat and moisture exchange (1 pc)
- Tubes (4 pcs)



Ø 22M	3503K	3503H	3503Г	3503KAg	3503HAg
Ø 15M	5703K	5703H	5703Г	5703KAg	5703HAg

## EQUIPMENT

- Y-adapter (1 pc)
- Straight adapter (4 pcs)
- Angle adapter (1 pc)
- Moisture collector (1 pc)
- Filter with/without heat and moisture exchange (1 pc)
- Humidifier (1 pc)
- Tubes (4 pcs)
- Breathing mask (1 pc)

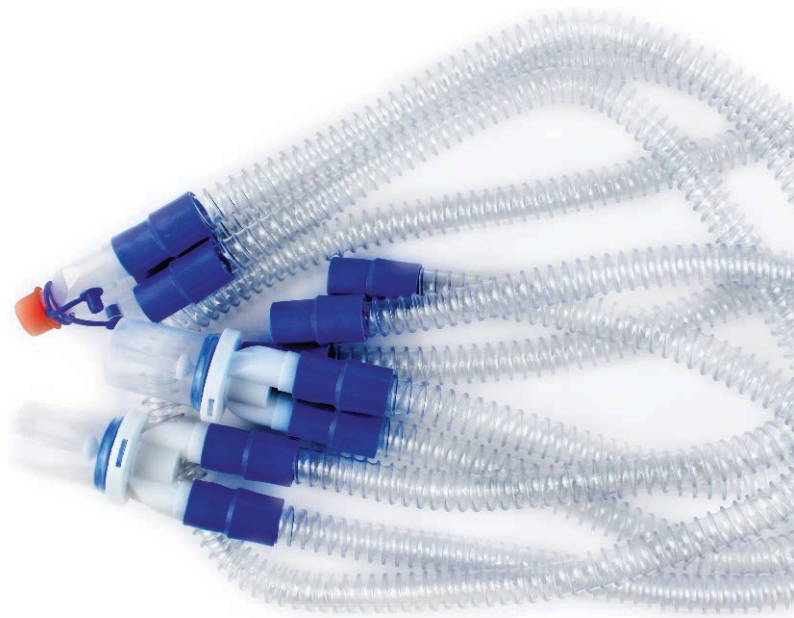


Ø 22M	3505K	3505H	3505Г	3505KAg	3505HAg
Ø 15M	5705K	5705H	5705Г	5705KAg	5705HAg

# 01 / 4 BREATHING CIRCUITS WITH TWO MOISTURE COLLECTORS

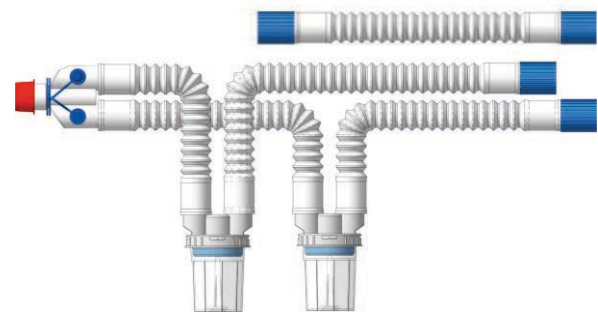
Single-use, consisting of:

- Y-adapter (0-2 pcs);
- Straight adapter (1-20 pcs);
- Angle adapter (0-5 pcs);
- Articulated adapter (0-5 pcs);
- T-connector (0-3 pcs);
- Moisture collector (2 pcs);
- Filter with/without heat and moisture exchange (0-5 pcs);
- Humidifier (0-2 pcs);
- Tube (1-10 pcs);
- Breathing bag, volume: 500 ml, 1000 ml, 2000 ml, 3000 ml (0-5 pcs);
- Breathing mask, size: 0, 1, 2, 3, 4, 5, 6 (0-5 pcs);
- Heating wire (0-2 pcs);
- Monitoring line (0-5 pcs).



EQUIPMENT

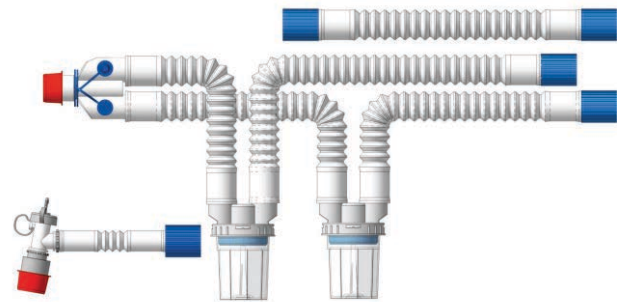
- Y-adapter (1 pc)
- Straight adapter (4 pcs)
- Moisture collector (2 pcs)
- Tubes (5 pcs)



Ø 22M	3404K	3404H	3404Г	3404KA <sub>g</sub>	3404HA <sub>g</sub>
Ø 15M	5604K	5604H	5604Г	5604KA <sub>g</sub>	5604HA <sub>g</sub>

EQUIPMENT

- Y-adapter (1 pc)
- Straight adapter (4 pcs)
- Articulated adapter (1 pc)
- Moisture collector (2 pcs)
- Tubes (5 pcs)



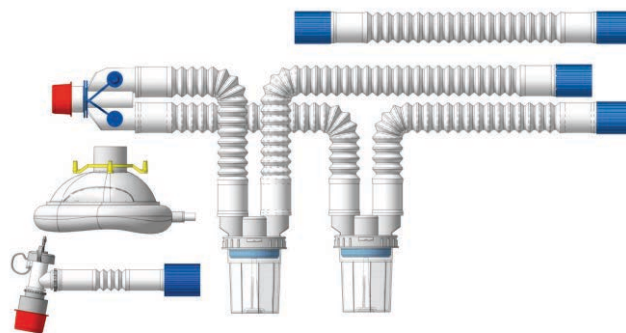
Ø 22M	3405K	3405H	3405Г	3405KA <sub>g</sub>	3405HA <sub>g</sub>
Ø 15M	5605K	5605H	5605Г	5605KA <sub>g</sub>	5605HA <sub>g</sub>



# 01/4 BREATHING CIRCUITS WITH TWO MOISTURE COLLECTORS

## EQUIPMENT

- Y-adapter (1 pc)
- Straight adapter (4 pcs)
- Articulated adapter (1 pc)
- Moisture collector (2 pcs)
- Tubes (5 pcs)
- Breathing mask (1 pc)



Ø 22M

3406K

3406H

3406Г

3406KA<sub>g</sub>

3406HA<sub>g</sub>

Ø 15M

5606K

5606H

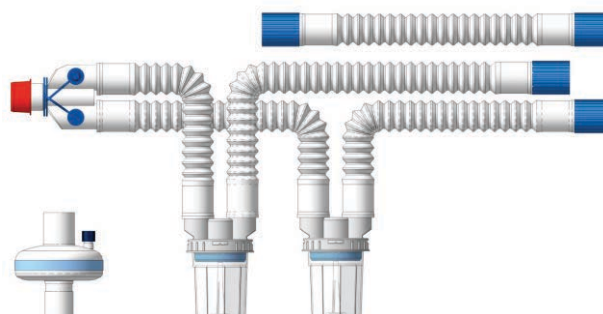
5606Г

5606KA<sub>g</sub>

5606HA<sub>g</sub>

## EQUIPMENT

- Y-adapter (1 pc)
- Straight adapter (4 pcs)
- Moisture collector (2 pcs)
- Filter with/without heat and moisture exchange (1 pc)
- Tubes (5 pcs)



Ø 22M

3504K

3504H

3504Г

3504KA<sub>g</sub>

3504HA<sub>g</sub>

Ø 15M

5704K

5704H

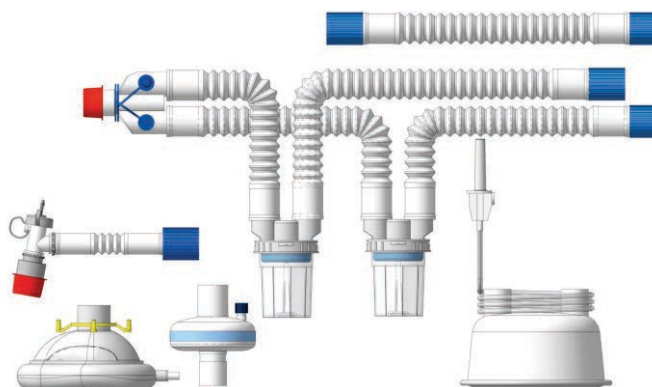
5704Г

5704KA<sub>g</sub>

5704HA<sub>g</sub>

## EQUIPMENT

- Y-adapter (1 pc)
- Straight adapter (4 pcs)
- Articulated adapter (1 pc)
- Moisture collector (2 pcs)
- Filter with/without heat and moisture exchange (1 pc)
- Humidifier (1 pc)
- Tubes (5 pcs)
- Breathing mask (1 pc)



Ø 22M

3506K

3506H

3506Г

3506KA<sub>g</sub>

3506HA<sub>g</sub>

Ø 15M

5706K

5706H

5706Г

5706KA<sub>g</sub>

5706HA<sub>g</sub>

# 01/5 BREATHING CIRCUITS NEONATAL (10M)



Neonatal breathing circuits are designed for respiratory support in anesthesiology and resuscitation of newborns, they are compatible with most lung ventilators and anesthesia and respiratory devices.

- ☑ Sterile products are packed in individual sterile packaging.
  - ☑ Moisture protection during storage.
  - ☑ Apyrogenic, non-toxic, phthalate-free.
  - ☑ Non-sterile or sterilized with ethylene oxide.
  - ☑ Non-configurable or smooth-bore tube.
- 
- ☑ Breathing circuits with heating wires provide temperature control of the air mixture delivered to the patient, creating the optimal temperature conditions for ventilation and preventing condensation in the circuit lumen.
  - ☑ Breathing circuits are equipped with various components and accessories.
  - ☑ The characteristics, types, sizes and quantity of products are determined by the customer.
  - ☑ Components included in a circuit may be packaged in a separate individual package and then put together with the product in the general packaging, or enclosed next to it.



## Single-use, consisting of:

- Y-adapter (0-2 pcs);
- Straight adapter (1-20 pcs);
- Angle adapter (0-5 pcs);
- Articulated adapter (0-5 pcs);
- T-connector (0-3 pcs);
- Filter with/without heat and moisture exchange (0-5 pcs);
- Moisture collector (0-2 pcs);
- Humidifier (0-2 pcs);
- Tube (1-10 pcs);
- Breathing bag, volume: 500 ml, 1000 ml (0-5 pcs);
- Breathing mask, size: 0, 1, 2 (0-5 pcs);
- Heating wire (0-2 pcs);
- Monitoring line (0-5 pcs).

# 01/5 BREATHING CIRCUITS NEONATAL (10M)

## BREATHING CIRCUIT WITHOUT MOISTURE COLLECTOR

### EQUIPMENT

- Y-adapter (1 pc)
- Straight adapter (2 pcs)
- Tube (2 pcs)



Ø 10M

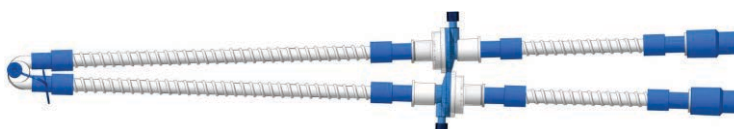
6601H

6601Г

## BREATHING CIRCUIT WITHOUT MOISTURE COLLECTOR

### EQUIPMENT

- Y-adapter (1 pc)
- Straight adapter (2 pcs)
- Filter with heat and moisture exchange (2 pcs)
- Tube (4 pcs)



Ø 10M

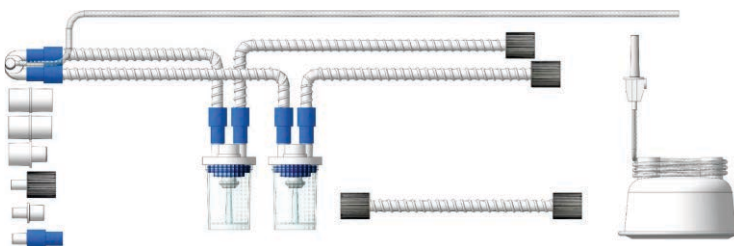
6602H

6602Г

## BREATHING CIRCUIT WITH TWO MOISTURE COLLECTORS

### EQUIPMENT

- Y-adapter (1 pc)
- Straight adapter (10 pcs)
- Moisture collector (2 pcs)
- Humidifier (1 pc)
- Tube (5 pcs)
- Monitoring line (1 pc)



Ø 10M

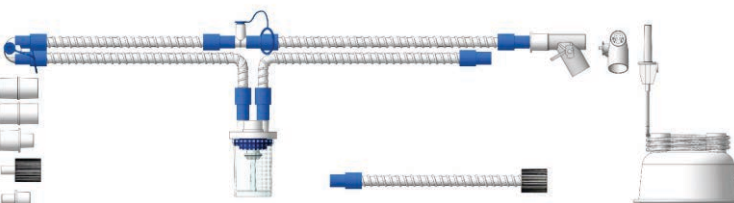
6603H

6603Г

## BREATHING CIRCUIT WITH ONE MOISTURE COLLECTOR

### EQUIPMENT

- Y-adapter (1 pc)
- Straight adapter (8 pcs)
- T-connector (1 pc)
- Moisture collector (1 pc)
- Humidifier (1 pc)
- Tube (5 pcs)
- Heating wire (1 pc)



Ø 10M

6604H

6604Г



# 01/5 BREATHING CIRCUITS NEONATAL (10M)

## BREATHING CIRCUIT WITH ONE MOISTURE COLLECTOR

### EQUIPMENT

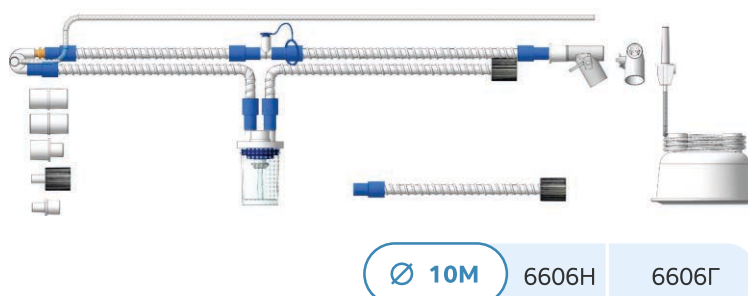
- Y-adapter (1 pc)
- Straight adapter (8 pcs)
- T-connector (1 pc)
- Moisture collector (1 pc)
- Humidifier (1 pc)
- Tube (5 pcs)
- Heating wire (1 pc)
- Monitoring line (1 pc)



## BREATHING CIRCUIT WITH ONE MOISTURE COLLECTOR

### EQUIPMENT

- Y-adapter (1 pc)
- Straight adapter (8 pcs)
- T-connector (1 pc)
- Moisture collector (1 pc)
- Humidifier (1 pc)
- Tube (5 pcs)
- Heating wire (1 pc)
- Monitoring line (1 pc)
- Flow limiter (1 pc)



*\*Types, sizes and quantities of products are determined by the customer and are reflected in the documentation, including shipping documents, product-specific documents.*

# 01/6 BREATHING CIRCUITS COAXIAL



The coaxial circuit is a breathing circuit with the inspiration line located inside the expiration line. The fresh breathing mixture is warmed by the exhaled gases when passed through the inner tube.

- ✓ Non-sterile or sterilized with ethylene oxide.
- ✓ Sterile products are packed in individual sterile packaging.
- ✓ Moisture protection during storage.
- ✓ Apyrogenic, non-toxic, phthalate-free.
- ✓ Shelf life (sterility) - 5 years from the date of manufacture.

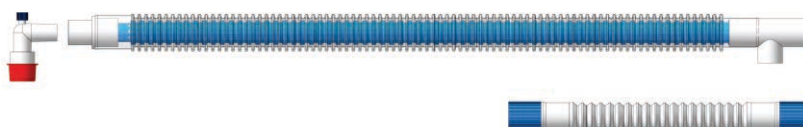


## Consists of:

- Straight adapter (2-10 pcs);
- Angle adapter (0-5 pcs);
- Articulated adapter (0-5 pcs);
- T-connector (0-3 pcs);
- Filter with/without heat and moisture exchange (0-5 pcs);
- Humidifier (0-2 pcs);
- Tube (1-10 pcs);
- Breathing bag, volume: 500 ml, 1000 ml, 2000 ml, 3000 ml (0-5 pcs);
- Breathing mask, size: 0, 1, 2, 3, 4, 5 (0-5 pcs);
- Monitoring line (0-5 pcs).

## EQUIPMENT

- Angle adapter (1 pc)
- Straight adapter (3 pcs)
- T-connector (1 pc)
- Tube (2 pcs)



Ø 26M	4400K	4400H	4400Г	4400KAg	4400HAg
Ø 30M	5800K	5800H	5800Г	5800KAg	5800HAg

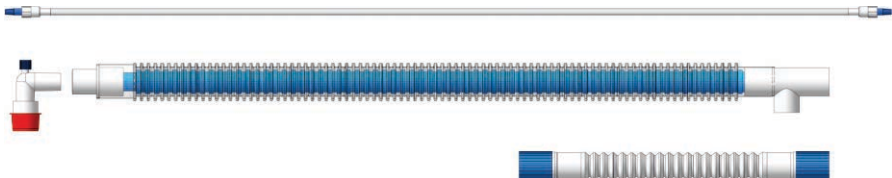
# 01/6

## BREATHING CIRCUITS

# COAXIAL

EQUIPMENT

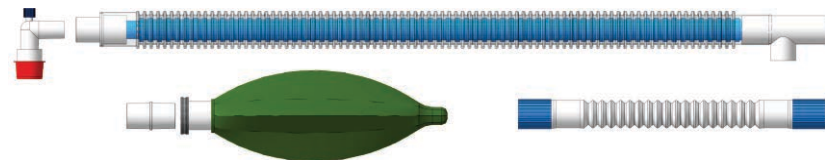
- Angle adapter (1 pc)
- Straight adapter (3 pcs)
- T-connector (1 pc)
- Tube (2 pcs)
- Monitoring line (1 pc)



Ø 26M	4401K	4401H	4401Г	4401KAg	4401HAg
Ø 30M	5801K	5801H	5801Г	5801KAg	5801HAg

EQUIPMENT

- Angle adapter (1 pc)
- Straight adapter (3 pcs)
- T-connector (1 pc)
- Tube (2 pcs)
- Breathing bag (1 pc)



Ø 26M	4402K	4402H	4402Г	4402KAg	4402HAg
Ø 30M	5802K	5802H	5802Г	5802KAg	5802HAg

BREATHING TUBE WITH ACCESSORIES (10M, 15M, 22M), LENGTH 0.4-10.0 M

Single-use, consisting of:

- Straight adapter (2 pcs);
- Tube;
- Laryngeal mask, size: 1; 1.5; 2; 2.5; 3; 4; 5 (0 - 5 pcs);
- Oxygen mask, size: 1; 2; 3; 4; 5
- Aerosol mask with/without nebulizer, size: 1; 2; 3; 4; 5 (0 - 5 pcs)

# 02

## ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

Asomedica Co. Ltd. offers a wide range of accessories for anesthesia and resuscitation.

### BREATHING MASK

### LARYNGEAL MASK

### OXYGEN AND AEROSOL MASK

### BREATHING BAG

### AMBU BREATHING BAG

### BACTERIAL AND VIRAL BREATHING FILTERS

- ☑ Neonatal
- ☑ Pediatric
- ☑ Adult

### TRACHEOSTOMY HEAT AND MOISTURE EXCHANGER

### AIRWAYS

### ACCESSORIES

- ☑ Valve
- ☑ Clip-retainer
- ☑ Heating wire
- ☑ Humidifier chamber
- ☑ Mask holder
- ☑ Monitoring line

### MEDICAL CONNECTORS

- ☑ Y-adapter
- ☑ Elastic adapter
- ☑ Straight adapter
- ☑ Angle adapter
- ☑ Articulated adapter

### LUER CAPS



# 02/1 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

## BREATHING MASK



The breathing mask is designed for mask artificial lung ventilation or delivery of anesthetic gases.

- ✓ Sterile products are packed in individual sterile packaging.
- ✓ Moisture protection during storage.
- ✓ Latex-free.
- ✓ Apyrogenic, non-toxic, phthalate-free.
- ✓ Shelf life (sterility) - 5 years from the date of manufacture.



### SINGLE-USE BREATHING MASK

- ✓ Single-use breathing mask is made of polyvinyl chloride.
- ✓ Equipped with a soft inflatable cuff, which provides atraumatic tight fit of the mask to the patient's face with minimal effort.
- ✓ Has a nipple valve to inflate the cuff.
- ✓ The transparent material of the mask allows for visual monitoring of the mucosa and skin condition, as well as monitoring of the patient general condition.
- ✓ It has standard connectors to connect to breathing circuit components and an easy detachable ring for a locking device, color-coded according to mask size.

Sizes: 0; 1; 2; 3; 4; 5; 6.

SIZE	PATIENT CATEGORY
0	Newborns
1	Newborns and infants up to 5 kg
2	Infants and children from 5 to
3	Children from 25 to 50 kg
4	Adults from 50 to 70 kg
5	Adults from 70 to 90 kg
6	Adults > 90 kg

### REUSABLE BREATHING MASK

- ✓ Reusable breathing mask is made of silicone.
- ✓ It is not equipped with an inflatable cuff, but provides tight fit and comfort to the patient due to silicone material.
- ✓ The transparent material of the mask allows for visual monitoring of the mucosa and skin condition, as well as monitoring of the patient general condition.
- ✓ It has a standard connector to connect to breathing circuit components.

Sizes: 0; 1; 2; 3; 4; 5.

Can be supplied with a mask holder.



# 02/2 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

## LARYNGEAL MASK



The laryngeal mask (LM) is designed to deliver an anesthetic gas, to ensure patency of the upper airway during short-term anesthesia procedures (in fasting patients), in case of "difficult intubation", as well as during cardiopulmonary resuscitation.

- ✓ Sterile products are packed in individual sterile packaging.
- ✓ Moisture protection during storage.
- ✓ Latex-free.
- ✓ Apyrogenic, non-toxic, phthalate-free.
- ✓ Shelf life (sterility) - 5 years from the date of manufacture.



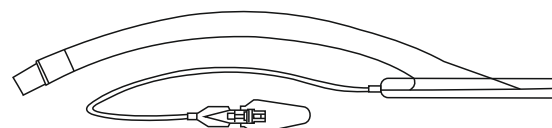
### LARYNGEAL MASK

- ✓ Single-use without reinforcement  
Size: 1; 1.5; 2; 2.5; 3; 4; 5.
- ✓ Single-use silicone without reinforcement Size: 1; 1.5; 2; 2.5; 3; 4; 5.
- ✓ Single-use silicone with reinforcement Size: 1; 1.5; 2; 2.5; 3; 4; 5.
- ✓ Reusable
- ✓ Single-use LM is made of high-quality thermoplastic implantable non-toxic PVC or silicone. Reusable LM is made of high-quality silicone, which provides good slip when applied.
- ✓ The pilot balloon can be color-coded for quick size determination.
- ✓ The airway tube features an anatomical bend, large lumen diameter, equipped with a 15 mm standard connector and can have a radiopaque band. The tube can be reinforced.
- ✓ The tube indicates: mask size, cuff volume and patient weight range.
- ✓ The transparent material of the tube makes it easy to monitor the condensate and liquid that may appear in the tube.
- ✓ LM is equipped with a soft inflatable cuff, which provides secure sealing with minimal risk of injury to the oropharyngeal tissues.

### EQUIPMENT

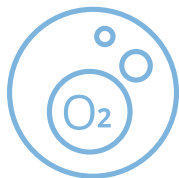
- Airway
- Deflated cuff
- Cuff inflation tubing
- Inflation valve
- Pilot balloon to control pressure
- Non-return valve

SIZE	PATIENT CATEGORY
1	Children under 5 kg
1,5	Children from 5 to 10 kg
2	Children from 10 to 20 kg
2,5	Children from 20 to 30 kg
3	Children/adults from 30 to 50 kg
4	Adults from 50 to 70 kg
5	Adults > 70 kg



# 02/3 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

## OXYGEN MASK



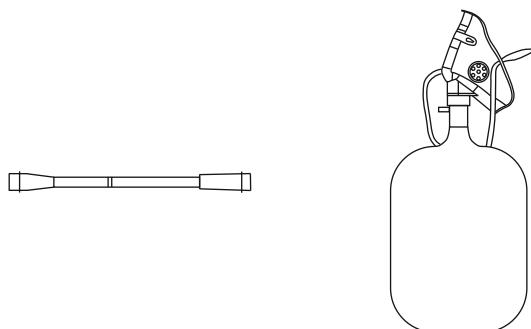
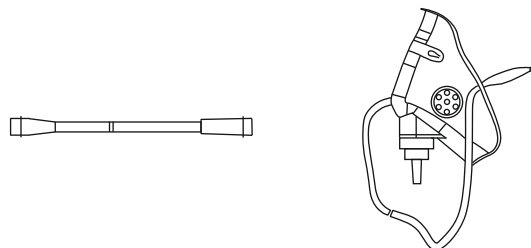
The product is intended for short-term oxygen delivery at medium and high concentrations, as well as for breathing treatment. It can be used both in inpatient and outpatient settings.

- ✓ Sterile products are packed in individual sterile packaging.
- ✓ Moisture protection during storage.
- ✓ Latex-free.
- ✓ Apyrogenic, non-toxic, phthalate-free.
- ✓ Shelf life (sterility) - 5 years from the date of manufacture.



### OXYGEN MASK

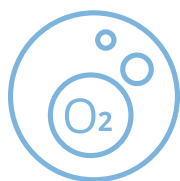
- ✓ Single-use.  
Size: 1; 2; 3; 4; 5.
- ✓ Single-use with a tube (tube length of 1000 mm to 5000 mm)
- ✓ Single-use with a bag
- ✓ Single-use with bag and tube
- ✓ The mask is made of soft elastic polymer material.
- ✓ Easily attaches to the patient's face with an elastic band and a flexible nasal clip (Ns1 mask does not have a nasal clip to avoid injury to newborns).
- ✓ The mask edges are atraumatic: rounded and smoothed, which ensures high patient comfort.
- ✓ Holes on the side mask surfaces provide ventilation.
- ✓ The transparent material of the mask allows for visual monitoring of the patient's mucosa and skin condition.
- ✓ The thermoplastic material of mask softens at body temperature and does not cause discomfort to the patient.





# 02/4 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

## AEROSOL MASK



The product is intended for short-term oxygen delivery at medium and high concentrations, as well as for breathing treatment. Can be used both in inpatient and outpatient settings.

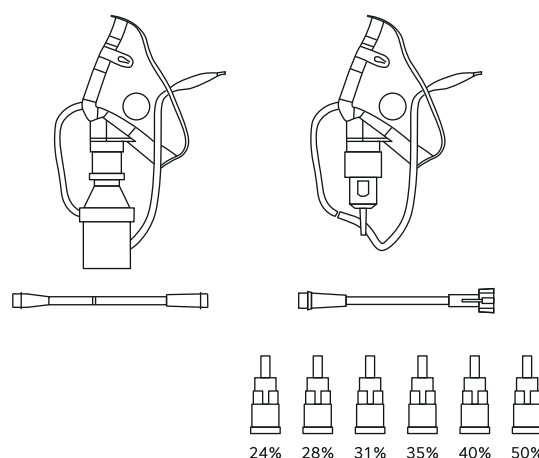
- ✓ Sterile products are packed in individual sterile packaging.
- ✓ Moisture protection during storage.
- ✓ Latex-free.
- ✓ Apyrogenic, non-toxic, phthalate-free.
- ✓ Shelf life (sterility) - 5 years from the date of manufacture.



### AEROSOL MASK

- ✓ Single-use. Size: 2; 3; 4; 5.
- ✓ Single-use with a nebulizer.
- ✓ Single-use with a nebulizer and a tube (length of 1000 mm to 5000 mm).
- ✓ Single-use with a Venturi valve.
- ✓ Single-use with a tube (length of 1000 mm to 5000 mm) and a Venturi valve.

**Color coding is used for the fastest visual valve identification. Each color corresponds to a different concentration of oxygen delivery.**



- ✓ The mask is made of soft elastic polymer material.
- ✓ Easily attaches to the patient's face with an elastic band and a flexible nasal clip.
- ✓ The mask edges are atraumatic: rounded and smoothed, which ensures high patient comfort.
- ✓ Holes on the side mask surfaces provide ventilation.
- ✓ The transparent material of the mask allows for visual monitoring of the patient's mucosa and skin condition.
- ✓ The thermoplastic material of mask softens at body temperature and does not cause discomfort to the patient.

### OXYGEN CONCENTRATION, %

24
28
31
35
40
50
60

### OXYGEN FLOW RATE, LITERS per MINUTE (L / MIN)

4
6
6
8
8
8
8



# 02/5 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

## BREATHING BAG



Breathing bag is used with any type of breathing apparatus, serves to collect the exhaled air and supply the necessary volume of air during inspiration.

- ✓ Non-sterile or sterilized with ethylene oxide.
- ✓ Apyrogenic, non-toxic, phthalate-free.
- ✓ Shelf life (sterility) - 5 years from the date of manufacture.

The product is designed to provide the conditions for an airtight circuit during the ventilator testing process.

To prevent foreign objects from entering the breathing circuit.  
To perform artificial lung ventilation as part of the breathing circuit.



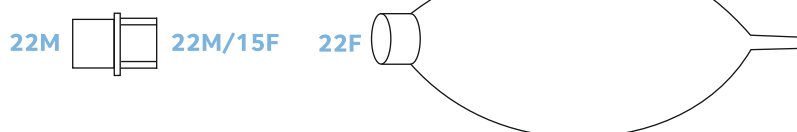
### TECHNICAL SPECIFICATIONS

- ✓ Single-use breathing bag is made of latex-free neoprene; reusable bag is made of silicone.
- ✓ Single-use and reusable breathing bag is available in the following versions: 500 ml, 1000 ml, 2000 ml, 3000 ml.
- ✓ Equipped with an internal anti-blocking system and reinforced with transverse ribs for better bag fixation.
- ✓ The bag-to-connector connection point is additionally reinforced with an external sealing adhesive strip.
- ✓ The breathing bag volume should not be less than the maximum person's inspiratory volume.
- ✓ The bag has a 22F output and can be equipped with an additional 22M/15F-22M adapter.

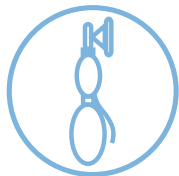


### EQUIPMENT

- Breathing bag
- Connector
- Adapter (if necessary) with 22M-22M/15F outputs



# 02/6 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION AMBU BREATHING BAG



**Designed for manual artificial lung ventilation for respiratory insufficiency of any etiology.**

- ☑ Sterile products are packed in individual sterile packaging.
- ☑ Reusable Ambu breathing bag has a collapsible configuration and the possibility of complete disinfection.
- ☑ Autoclave sterilization is allowed for reusable Ambu breathing bag (except for oxygen tube and backup bag) in the mode specified in the autoclave manufacturer's operating instructions.
- ☑ Moisture protection during storage.
- ☑ Apyrogenic, non-toxic, phthalate-free.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.



## SINGLE-USE AND REUSABLE AMBU BREATHING BAG

- ☑ Single-use breathing bag is made of medical grade PVC, reusable breathing bag is made of silicone.
- ☑ Resuscitation bag is available in volume of 250 ml to 1630 ml, backup bag - 600 ml to 2500 ml.
- ☑ Can be connected to an external oxygen source using an oxygen tube.
- ☑ The principle of operation is based on the forced air supply into the lungs through the face mask by manual squeezing of the resuscitation bag.
- ☑ The backup bag can be used for continuous oxygen supply and artificial assisted ventilation.
- ☑ Equipped with a pressure control valve. The pressure control valve vents the incoming air to the atmosphere if the incoming air pressure exceeds  $600 \pm 100$  mmAq or  $400 + 50$  mmAq, avoiding barotrauma to the patient.
- ☑ Port to connect the oxygen tank.
- ☑ Mask/endotracheal tube connection port is transparent, which allows to visually monitor the inspiration valve operation .
- ☑ The transparent material of the mask facilitates monitoring of the skin color and the patient general condition.
- ☑ Equipped with a port to inflate the cuff.



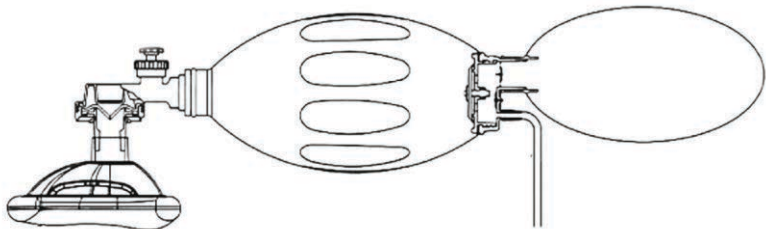
02/6

ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

AMBU BREATHING BAG

EQUIPMENT

- Resuscitation bag
- Breathing mask
- Oxygen tube
- Backup bag
- Pressure control valve



ADDITIONALLY

- Airway
- Mouth dilator
- Case

	Neonatal	Pediatric	Adult
Body weight, kg	≤ 10	10 - 35	≥35
Resuscitation bag, volume, ml	250 to 400	500 to 700	1500 to 1700
Backup bag, volume, ml	600 to 1600	1600 to 2500	1600 to 2500
Breathing mask, size*	0; 1	2; 3	3; 4; 5; 6
Oxygen tube, length, mm*	1000 to 3000	1000 to 3000	1000 to 3000
Airway, size*	0000; 000; 00; 0	1; 2; 3	4; 5; 6

\* Size and quantity of the product, equipped upon customer's request

# 02/7 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

## BREATHING FILTERS



Filters provide filtration of incoming air through a mechanical or electrostatic membrane.

- ✓ Sterile products are packed in individual sterile packaging,
- ✓ Single-use product.
- ✓ Designed only for one patient for a period of no more than 24 hours.
- ✓ Moisture protection during storage.
- ✓ Apyrogenic, non-toxic, phthalate-free.
- ✓ Shelf life (sterility) - 5 years from the date of manufacture.

### SINGLE-USE BACTERIAL AND VIRAL BREATHING FILTER

- ✓ Provides maximum bacterial and viral filtration (filtration efficiency of at least 99.999%) of the breathing gas mixture combined with low flow resistance.
- ✓ Eliminates cross-contamination of the patient's airways through the elements of the breathing circuit.
- ✓ Protects the patient from pathogenic microflora in the humidifier.
- ✓ Reduces the risk of infection by airborne droplets through respiratory therapy equipment for staff and patients.
- ✓ It has a heat and moisture exchanger made of hydrophobic or foam material and, together with air filtration, simulates the natural humidification of the upper respiratory tract by collecting heat and moisture from the patient's exhaled air; the heat and moisture accumulated in the heat exchanger warm and humidify the air when inhaled.
- ✓ The filter body is made of polymer materials, phthalate-free.
- ✓ The filter has uniform connectors to connect to breathing circuits and other medical products for anesthesiology, resuscitation, intensive care, respiratory therapy, lung function testing, providing airway patency.
- ✓ Can be equipped with Luer-lock capnography port (CO<sub>2</sub>), protective cap, elastic plug. The filter has marking on the body showing the orientation to the patient ("patient side").



# 02/7 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

## BREATHING FILTERS

### Classification of breathing filters and heat and moisture exchangers

	Without heat and moisture exchange		With heat and moisture exchange (foam material)		With heat and moisture exchange (hydrophobic)	
	Electrostatic membrane	Mechanical membrane	Electrostatic membrane	Mechanical membrane	Electrostatic membrane	Mechanical membrane
NEONATAL BACTERIAL AND VIRAL BREATHING FILTERS						
Luer port with protective cap	FL 10114	-	FL 11114	-	FL 12114	-
PEDIATRIC BACTERIAL AND VIRAL BREATHING FILTERS						
Luer port with protective cap	FL 20111	FL 20123	FL 21111 FL 21113	-	FL 22111	-
ADULT BACTERIAL AND VIRAL BREATHING FILTERS						
Without port	FL 30011 FL 30012	FL 30021	FL 31011	-	-	-
Luer port with protective cap	FL 30111	FL 30121	FL 31111	FL 31121	FL 32111	-

## 1.1 Neonatal

### FL10114 WITHOUT HEAT AND MOISTURE EXCHANGE

- Electrostatic membrane
- Port with protective cap
- Output sizes 15F-15M/8M

### FL11114 WITH HEAT AND MOISTURE EXCHANGE (FOAM MATERIAL)

- Electrostatic membrane
- Port with protective cap
- Output sizes 15F-15M/8M

### FL12114 WITH HEAT AND MOISTURE EXCHANGE (HYDROPHOBIC PAPER)

- Electrostatic membrane
- Port with protective cap
- Output sizes 15F-15M/8M

# 02/7 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

## BREATHING FILTERS

### 1.2 Pediatric

#### FL20111 WITHOUT HEAT AND MOISTURE EXCHANGE

Electrostatic membrane  
Port with protective cap  
Output sizes 22F/15M-22M/15F

#### FL21111 WITH HEAT AND MOISTURE EXCHANGE (FOAM MATERIAL)

Electrostatic membrane  
Port with protective cap  
Output sizes 22F/15M-22M/15F

#### FL22111 WITH HEAT AND MOISTURE EXCHANGE (HYDROPHOBIC PAPER)

Electrostatic membrane  
Port with protective cap  
Output sizes 22F/15M-22M/15F

#### FL20123 WITHOUT HEAT AND MOISTURE EXCHANGE

Electrostatic membrane  
Port with protective cap  
Output sizes 15M-22M/15F

#### FL21113 WITH HEAT AND MOISTURE EXCHANGE (FOAM MATERIAL)

Electrostatic membrane  
Port with protective cap  
Output sizes 15M-22M/15F

### 1.3 Adult

#### FL30011 WITHOUT HEAT AND MOISTURE EXCHANGE

Electrostatic membrane  
Without port  
Output sizes 22F/15M-22M/15F

#### FL30012 WITHOUT HEAT AND MOISTURE EXCHANGE

Electrostatic membrane  
Without port  
Output sizes 22F-22M/15F

#### FL30021 WITHOUT HEAT AND MOISTURE EXCHANGE

Mechanical membrane  
Without port  
Output sizes 22F-22M/15F

#### FL30111 WITHOUT HEAT AND MOISTURE EXCHANGE

Electrostatic membrane  
Port with protective cap  
Output sizes 22F/15M-22M/15F

#### FL30121 WITHOUT HEAT AND MOISTURE EXCHANGE

Mechanical membrane  
Port with protective cap  
Output sizes 22F/15M-22M/15F

#### FL31111 WITH HEAT AND MOISTURE EXCHANGE (FOAM MATERIAL)

Electrostatic membrane  
Port with protective cap  
Output sizes 22F/15M-22M/15F

#### FL31011 WITH HEAT AND MOISTURE EXCHANGE (FOAM MATERIAL)

Electrostatic membrane  
Without port  
Output sizes 22F/15M-22M/15F

#### FL32111 WITH HEAT AND MOISTURE EXCHANGE (HYDROPHOBIC PAPER)

Electrostatic membrane  
Port with protective cap  
Output sizes 22F/15M-22M/15F

#### FL31121 WITH HEAT AND MOISTURE EXCHANGE (FOAM MATERIAL)

Mechanical membrane  
Port with protective cap  
Output sizes 22F/15M-22M/15F

## 02/8

# ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

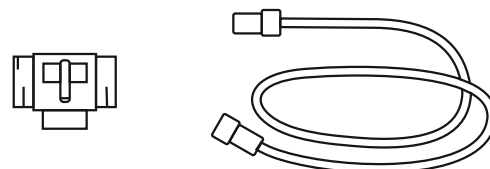
## TRACHEOSTOMY HEAT AND MOISTURE EXCHANGER



The tracheostoma heat and moisture exchanger is designed to warm and humidify the breathing mixture, prevents condensation in the breathing tubes, thereby reducing the possible risk of cross contamination.

- ✓ Sterile products are packed in individual sterile packaging.
- ✓ Single-use product.
- ✓ Designed only for one patient for a period of no more than 24 hours.
- ✓ Moisture protection during storage.
- ✓ Apyrogenic, non-toxic, phthalate-free.
- ✓ Shelf life (sterility) - 5 years from the date of manufacture.

- ✓ The tracheostoma heat and moisture exchanger is made of polymer materials.
- ✓ Cleans the inhaled air of dust and impurities, humidifies and "equalizes" the temperature of the incoming air in the presence of a tracheostoma.
- ✓ The use of various anesthetic gases does not affect the performance of the heat and moisture exchanger.
- ✓ The humidifying element can be made of hydrophobic paper or foam material, which cleans the air, saturates it with moisture and keeps it warm.



### Breathing filters and heat and moisture exchangers: heat and moisture exchanger for a single-use tracheostoma

#### 2.1 MADE OF FOAM MATERIAL

##### FL51005

- Without ports
- Output size 15F

##### FL51205

- Oxygen tube port
- Sanation port
- Output size 15F

##### FL51305

- Oxygen tube port
- Sanation port
- Oxygen tube (1000 to 5000 mm)
- Output size 15F

#### 2.2 MADE OF HYDROPHOBIC PAPER

##### FL52005

- Without ports
- Output size 15F

##### FL52205

- Oxygen tube port
- Sanation port
- Output size 15F

##### FL52305

- Oxygen tube port
- Sanation port
- Oxygen tube (1000 to 5000 mm)
- Output size 15F

	Foam material	hydrophobic paper
No ports, no oxygen tube	FL 51005	FL 52005
With oxygen tube port, sanitation port, without oxygen tube	FL 51205	FL 52205
With oxygen tube port, sanitation port, with oxygen tube	FL 51305	FL 52305

# 02/9 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

## AIRWAYS



The airways are designed to restore and maintain the patency of the upper respiratory tract during resuscitation measures in patients in an unconscious state, and can also be used as

- ✓ Sterile products are packed in individual sterile packaging.
- ✓ Single-use product.
- ✓ Moisture protection during storage.
- ✓ Apyrogenic, non-toxic, phthalate-free.
- ✓ Shelf life (sterility) - 5 years from the date of manufacture.



- ✓ Single-use medical airway is made of polyethylene.
- ✓ It consists of a curved hollow tube (oval section, flattened in the anterior-posterior direction), its anatomical shape repeats the bend of the tongue and palate, and a retention plate that prevents the airway from retraction into the mouth.
- ✓ Airways have a smooth shape, rounded, atraumatic edges and reinforced bite area that protects the airway from biting.
- ✓ The airway configuration helps to ensure the passage of air into the respiratory tract, prevents tongue retraction and asphyxia development during surgical interventions under general anesthesia.

The airways are color-coded according to the size for easy and quick selection of the required size.

000	00	0	01	02	03	04	05	06
40 mm	50 mm	60 mm	70 mm	80 mm	90 mm	100 mm	110 mm	120 mm



# 02/10 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

## ACCESSORIES

### VALVE

**Designed for installation in breathing circuits with breathing support with variable positive pressure IPPB.**

#### TYPE 1

- ☑ Straight connector 22M-22M/15F
- ☑ Valve control port

#### TYPE 3

- ☑ Straight connector 22M-22F
- ☑ Valve control port

#### TYPE 2

- ☑ Straight connector 22M-22M/15F
- ☑ Valve control port
- ☑ Pressure measurement port
- ☑



### HUMIDIFIER CHAMBER

#### WITH SELF-FILLING

**Designed for active heating and humidification of gases delivered to the patient in the process of artificial lung ventilation.**

- ☑ Transparent body
- ☑ Non-stick bottom
- ☑ Two holes 22M input/output
- ☑ Dosing float valve
- ☑ Liquid supply tube with a needle (with a safetycap)
- ☑ Pressure equalization port
- ☑



#### WITH MANUAL FILLING

**Designed for active heating and humidification of gases delivered to the patient in the process of artificial lung ventilation.**

- ☑ Transparent body
- ☑ Non-stick bottom
- ☑ Two holes 22M input/output
- ☑ It can have a hole with a sealed plug for manual chamber filling with liquid



### MONITORING LINE

**Designed for monitoring of respiratory gases /pressure in the breathing circuits.**

- ☑ PVC tubes, various lengths
- ☑ Luer connectors or connection ports/outputs are installed at the ends of the tube



# 02/10 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

## ACCESSORIES

### CLIP-RETAINER

Designed to support breathing circuit tubes and provide a comfortable positioning when using the circuit.



### HEATING WIRE

- ☑ Rectangular connection
- ☑ Cloverleaf connection



### MASK HOLDER

Designed for securing breathing masks on the patient's head. Elastic, with four securing perforated straps.



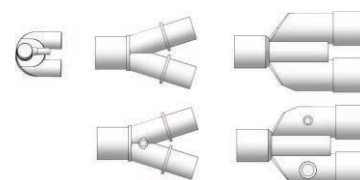
# 02/1 1 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

## MEDICAL CONNECTORS

### Y-ADAPTER

Designed to connect individual breathing circuit components (tubes, masks, filters, etc.) in order to create a closed airtight system.

- ☑ Sterile, apyrogenic, non-toxic, phthalate-free.
- ☑ Single-use product.
- ☑ Moisture protection during storage.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.



### TECHNICAL SPECIFICATIONS

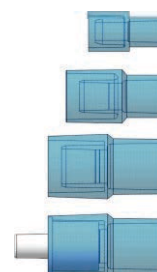
- ☑ It is a single-use adapter.
- ☑ Can be made without ports or with temperature and capnography port with caps, Luer port, monitoring line connection port.

Output sizes:  
22M, 22M/15F, 15M, 22M/15F, 10M, 15F.

### ELASTIC ADAPTER

Designed to connect individual circuit components (tubes, bags, masks, etc.) to each other, as well as to anesthesia and respiratory devices, ventilators, etc. in order to create a closed airtight system.

- ☑ Sterile, apyrogenic, non-toxic, phthalate-free.
- ☑ Single-use product.
- ☑ Moisture protection during storage.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.



### TECHNICAL SPECIFICATIONS

- ☑ It is a single-use adapter.

Output sizes:  
10M-22F, 19M-22F, 15M-15F, 15M-22F, 10(M-F).

# 02/11 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION MEDICAL CONNECTORS

## STRAIGHT ADAPTER

Designed to connect individual circuit components (tubes, bags, masks, etc.) to each other, as well as to anesthesia and respiratory devices, ventilators, etc. in order to create a closed airtight system.

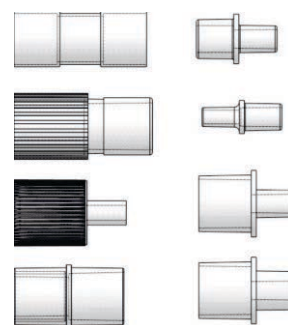
- ✓ Sterile, apyrogenic, non-toxic, phthalate-free.
- ✓ Single-use product.
- ✓ Moisture protection during storage.
- ✓ Shelf life (sterility) - 5 years from the date of manufacture.

### TECHNICAL SPECIFICATIONS

- ✓ It is a single-use adapter.

Output sizes:

22M - 22M, 22F - 22F, 22M - 22F, 15M - 15F, 15M - 15M, 22F - 22M/15F, 22M - 22M/15F, 15M - 22F, 10M - 22F, 7M - 10M/7F, 10M - 15F, 10M - 15M, 10M - 22M, 22M - 30F, 22M - 30M, 15M - 22M.



## ANGLE ADAPTER

Designed to connect individual breathing circuit components (tubes, masks, filters, etc.) in order to create a closed airtight system.

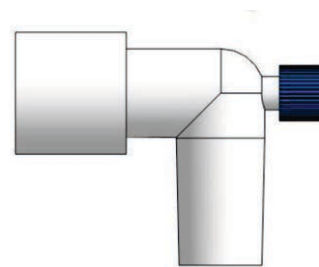
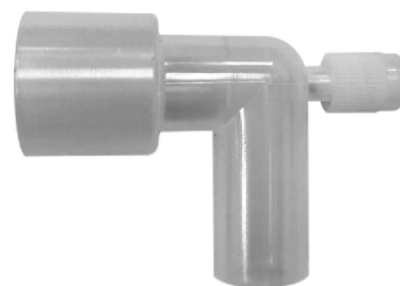
- ✓ Sterile, apyrogenic, non-toxic, phthalate-free.
- ✓ Single-use product.
- ✓ Moisture protection during storage.
- ✓ Shelf life (sterility) - 5 years from the date of manufacture.

### TECHNICAL SPECIFICATIONS

- ✓ It is a single-use adapter.
- ✓ Can be provided with or without a port.
- ✓ Can be made with an extension tube: smooth-bore; corrugated; non-/configurable. Tube length - at least 150 mm.

Output sizes:

22M/15F-15M, 22F-22M, 22M/15F-22F, 15M-22M/15F, 22F-22F.



# 02/11 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

## MEDICAL CONNECTORS

### ARTICULATED ADAPTER

Used to connect the breathing circuit to a breathing/anesthesia mask or endotracheal tube.

Provides optimal and safe delivery of the breathing mixture, with a port for sanitation and bronchoscopy, if necessary allows to control the delivery of medications and to perform endotracheal aspiration.

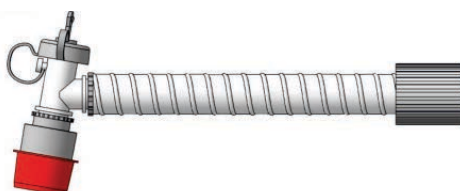
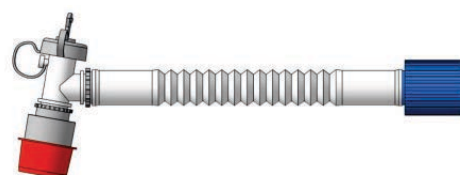
Increases usability and ease of use of the breathing circuit and provides an access for intubation tube cleaning and bronchoscopy.

- ☑ Packed in individual sterile packaging.
- ☑ Sterile, apyrogenic, non-toxic, phthalate-free.
- ☑ Single-use product.
- ☑ Moisture protection during storage.
- ☑ Dispose in accordance with the established procedure.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.

### TECHNICAL SPECIFICATIONS

- ☑ Supplied without ports, with a port with a double-sealed snap-on elastic plug for sanitation and bronchoscopy with/without extension tube.
- ☑ Can be provided with both single and double articulated angle joints.
- ☑ Extension tube: smooth-bore, corrugated, non-/configurable. Tube length - at least 150 mm.
- ☑ Made of polymer materials.

Output sizes:  
22M/15F-22F, 22M/15F-15M.



# 02/12 ACCESSORIES FOR ANESTHESIA AND RESUSCITATION

## LUER CAPS

### LUER CAP

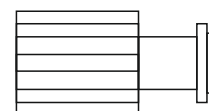
It is designed to close ports and ensure the sealing of various medical devices.

- ☑ Sterile, apyrogenic, non-toxic, phthalate-free.
- ☑ Single-use product.
- ☑ Moisture protection during storage.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.



### TECHNICAL SPECIFICATIONS

- ☑ Single-use Luer caps (hereafter - caps) can be used to close medical device ports in a variety of ways: by connecting with male threaded connection (double-start right-hand thread), female threaded connection, and by capping/plugging.
- ☑ Creates sealing in medical products with a Luer connector.
- ☑ Ensure sterility and apyrogenicity of the internal environment of medical devices
- ☑ Made of medical grade high-density polyethylene.
- ☑ Used in various fields of medicine
- ☑ Can be color-coded as agreed with the customer.
- ☑ Packed in individual sterile packaging.



# 03 MEDICAL CATHETERS

## NELATON CATHETER

☑ Male

## FEMALE CATHETER

## TIEMANN CATHETER

☑ Male

## FEEDING CATHETER

## UMBILICAL CATHETER

## STOMACH CATHETER (TUBE)

## SUCTION CATHETER

☑ With vacuum level control

## RECTAL CATHETER

## DUODENAL CATHETER

☑ Levine suction catheter

☑ Levine feeding catheter

## OXYGEN CATHETER

## SURGICAL DRAIN CATHETER

## REDON CATHETER

## CONNECTING CATHETER (TUBE)

## TUBE IN COILS

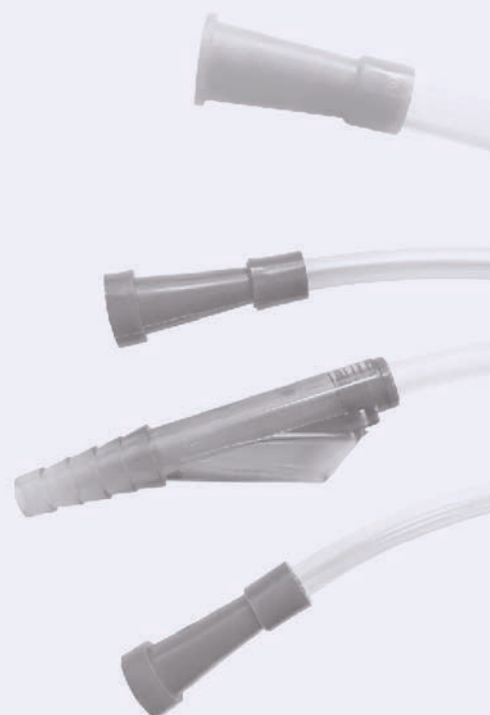
Medical catheters are made of phthalate-free polymer material. Polyadipate used as a plasticizer poses no health risk and is approved in the EU countries.

The use of such a plasticizer ensures longer product life due to the reduced migration of plasticizer into the surrounding tissues of the body.

Medical catheters manufactured by Asomedica Co. Ltd. are used in:

- Urology
- Proctology
- Gastroenterology
- Anesthesiology
- Surgery
- Obstetrics, etc.

*\* The catheter length, number, size and location of the holes, design of the distal part can be changed, and the connector and the nasal insert can be replaced as agreed with the customer.*



# 03/1 MEDICAL CATHETERS

## NELATON MALE



Nelaton catheter (male) is used in urology for single bladder drainage, delivery of medications into the bladder, bladder irrigation.

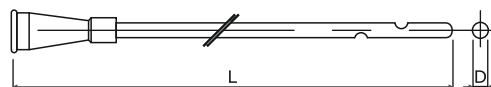
### ADVANTAGES

- ☑ Nelaton catheter (male) is made of transparent thermoplastic implantable non-toxic polyvinyl chloride.
- ☑ The thermoplastic material softens due to the temperature of the surrounding tissues.
- ☑ The closed distal end has a rounded shape and provides a painless atraumatic insertion.
- ☑ Two side holes.
- ☑ Non-twisting thermolabile material, resistant to kinks and fractures, does not overlap the lumen.
- ☑ Smooth surface ensures easy insertion.
- ☑ Universal funnel-shaped connector is suitable for any type of urine bag.



### TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Length L, 100-2000 mm.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, with/without markings.
- ☑ Sterile, intended for single use.
- ☑ Packed in individual sterile packaging.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.
- ☑ Catheter can be made in other configuration upon customer's request.





# 03/2

## MEDICAL CATHETERS

# FEMALE



Catheter (female) is used in urology for single bladder drainage, delivery of medications into the bladder, bladder irrigation.

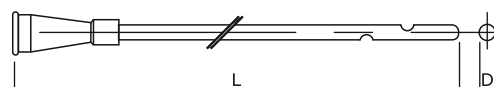
### ADVANTAGES

- ☑ The catheter (female) is made of transparent thermoplastic implantable non-toxic polyvinyl chloride.
- ☑ The thermoplastic material softens due to the temperature of the surrounding tissues.
- ☑ The closed distal end has a rounded shape and provides a painless atraumatic insertion.
- ☑ Two side holes.
- ☑ Non-twisting thermolabile material, resistant to kinks and fractures, does not overlap the lumen.
- ☑ Smooth surface ensures easy insertion.
- ☑ Universal funnel-shaped connector is suitable for any type of urine bag.



### TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Length L, 100-2000 mm.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, with/without markings.
- ☑ Sterile, intended for single use.
- ☑ Packed in individual sterile packaging.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.
- ☑ Catheter can be made in other configuration upon customer's request.



# 03/3 MEDICAL CATHETERS

## TIEMANN CATHETER



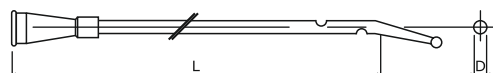
Tiemann catheter (male) is used in urology for single bladder drainage, delivery of medications into the bladder, bladder irrigation in men with obstructive urethral pathology.

### ADVANTAGES

- ☑ Tiemann catheter (male) is made of transparent thermoplastic implantable non-toxic polyvinyl chloride.
- ☑ The thermoplastic material softens due to the temperature of the surrounding tissues.
- ☑ Elastic urethral catheter has a curved conical working end, which facilitates the instrument insertion in case of prostate adenoma.
- ☑ Closed atraumatic end, two side holes for effective drainage.
- ☑ Optimally rigid to pass through the narrowed part of the urethra.
- ☑ Non-twistable thermolabile material, resistant to kinks and fractures.
- ☑ Universal funnel-shaped connector is suitable for any type of urine bag.

### TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Length L, 100-2000 mm.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, with/without markings.
- ☑ Sterile, intended for single use.
- ☑ Packed in individual sterile packaging.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.
- ☑ Catheter can be made in other configuration upon customer's request.



# 03/4 MEDICAL CATHETERS

## FEEDING



Feeding catheter is used in gastroenterology for enteral feeding and delivery of medications into the gastric cavity.

### ADVANTAGES

- ☑ Feeding catheter is made of transparent thermoplastic implantable non-toxic polyvinyl chloride.
- ☑ The thermoplastic material softens due to the temperature of the surrounding tissues.
- ☑ It has a closed rounded distal end, which provides a painless atraumatic insertion.
- ☑ The special location of side holes reduces the risk of dumping syndrome development .
- ☑ Luer connector is adapted for use with automatic dosing devices.
- ☑ Sealed connector cap (withstands multiple opening and closing) prevents fluid leakage and infection of the catheter contents.
- ☑ Smooth surface ensures easy insertion.
- ☑ The lumen does not overlap when twisted.



### TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Length L, 100-2000 mm.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, with/without markings.
- ☑ Sterile, intended for single use.
- ☑ Packed in individual sterile packaging.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.
- ☑ Catheter can be made in other configuration upon customer's request.



# 03/5 MEDICAL CATHETERS

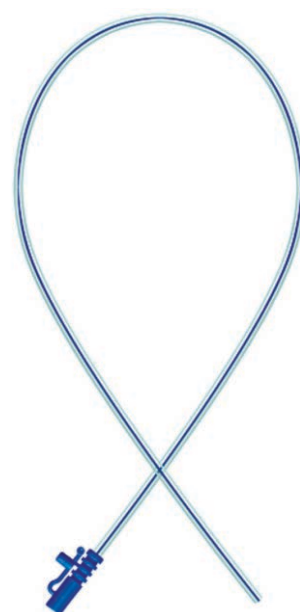
## UMBILICAL



Umbilical catheter is used to catheterize the umbilical vein in newborns for infusion and transfusion therapy or parenteral nutrition.

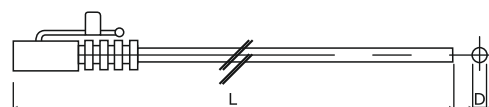
### ADVANTAGES

- ☑ Umbilical catheter is made of transparent thermoplastic implantable non-toxic polyvinyl chloride.
- ☑ The thermoplastic material softens due to the temperature of the surrounding tissues.
- ☑ The open distal end and edges of the catheter are carefully trimmed and rounded to ensure atraumatic insertion.
- ☑ Radiopaque band on the catheter tube.
- ☑ Luer connector with a sealed cap (withstands multiple opening and closing).
- ☑ Indelible length markings with set pitch.



### TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Length L, 100-2000 mm.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, with/without markings.
- ☑ Sterile, intended for single use.
- ☑ Packed in individual sterile packaging.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.
- ☑ Catheter can be made in other configuration upon customer's request.



# 03/6 MEDICAL CATHETERS

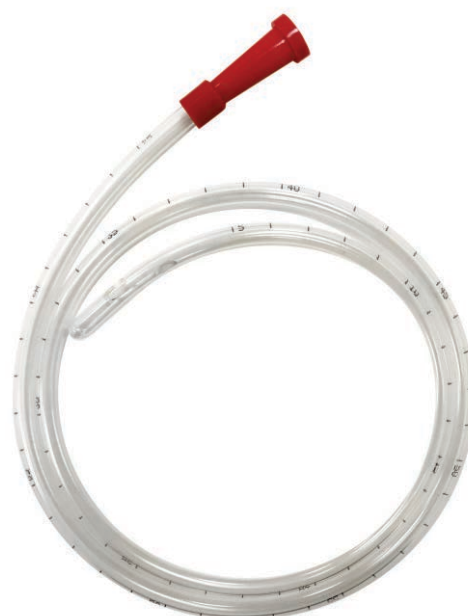
## STOMACH (TUBE)



Stomach catheter (tube) is used in gastroenterology for aspiration of gastric contents and gastric lavage. It can be used for enteral feeding.

### ADVANTAGES

- ☑ Stomach catheter (tube) is made of transparent thermoplastic implantable non-toxic polyvinyl chloride.
- ☑ The thermoplastic material softens due to the temperature of the surrounding tissues.
- ☑ Closed rounded distal end provides a painless atraumatic insertion.
- ☑ Enlarged side holes (at least two) provide effective fluid passage.
- ☑ Non-twistable thermolabile material, resistant to kinks and fractures.
- ☑ Smooth surface ensures easy insertion.
- ☑ The lumen does not overlap when twisted.
- ☑ Funnel-shaped connector is compatible with all standard adapters.



### TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Length L, 100-2000 mm.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, with/without markings.
- ☑ Sterile, intended for single use.
- ☑ Packed in individual sterile packaging.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.
- ☑ Catheter can be made in other configuration upon customer's request.



# 03/7 MEDICAL CATHETERS

## SUCTION



Suction catheter is used in anesthesiology for sanitation of the upper respiratory tract, including through the endotracheal and tracheotomy tube.

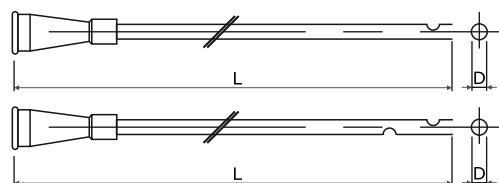
### ADVANTAGES

- ☑ Suction catheter is made of transparent thermoplastic implantable non-toxic polyvinyl chloride.
- ☑ The thermoplastic material softens due to the temperature of the surrounding tissues.
- ☑ Open atraumatic end, one side hole.
- ☑ Connector without vacuum control fits standard vacuum aspirators.
- ☑ Transparent material allows to control aspiration.
- ☑ Non-twistable thermolabile material, resistant to kinks.
- ☑ Specially treated surface reduces the need for the use of lubricants.
- ☑ The lumen does not overlap when twisted.



### TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Length L, 100-2000 mm.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, frozen tube, with/without markings.
- ☑ Sterile, intended for single use.
- ☑ Packed in individual sterile packaging.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.
- ☑ Catheter can be made in other configuration upon customer's request.



# 03/8 MEDICAL CATHETERS

## SUCTION TUBE WITH VACUUM LEVEL CONTROL



Suction catheter with vacuum level control is used in anesthesiology for sanitation of the upper respiratory tract, including through the endotracheal and tracheotomy tube.

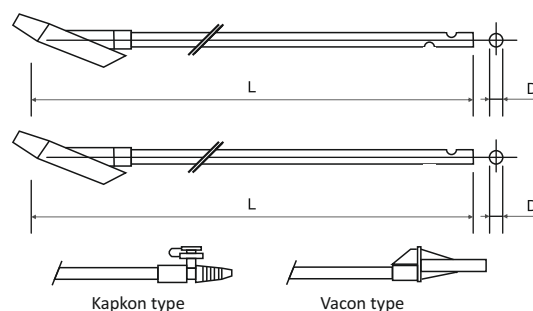
### ADVANTAGES

- ☑ Suction catheter with vacuum level control is made of transparent thermoplastic implantable non-toxic polyvinyl chloride.
- ☑ The thermoplastic material softens due to the temperature of the surrounding tissues.
- ☑ It has an open atraumatic end and no more than two side holes.
- ☑ Minimal risk of the catheter lumen obstruction by aspirates due to two auxiliary side holes.
- ☑ Vacuum control connector (Vacon or Kapkon type) for manual vacuum control fits any vacuum aspirator.
- ☑ Adjustable aspiration pressure (for Vacon type).
- ☑ Non-twistable thermolabile material, resistant to kinks.
- ☑ Specially treated surface reduces the need for the use of lubricants.
- ☑ Transparent material allows to control aspiration.
- ☑ Smooth surface ensures easy insertion.



### TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Length L, 100-2000 mm.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, with/without markings.
- ☑ Sterile, intended for single use.
- ☑ Packed in individual sterile packaging.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.
- ☑ Catheter can be made in other configuration upon customer's request.



# 03/9 MEDICAL CATHETERS

## RECTAL



Rectal catheter is used in proctology to deliver medications into the large intestine, remove gases and drain the rectum.

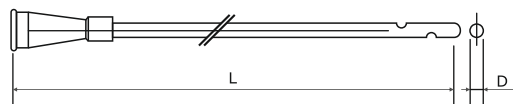
### ADVANTAGES

- ☑ Rectal catheter is made of transparent thermoplastic implantable non-toxic polyvinyl chloride.
- ☑ The thermoplastic material softens due to the temperature of the surrounding tissues.
- ☑ Closed rounded distal end provides a painless atraumatic insertion.
- ☑ Two side holes.
- ☑ Non-twistable thermolabile material, resistant to kinks and fractures.
- ☑ Smooth surface ensures easy insertion.
- ☑ The lumen does not overlap when twisted. Universal funnel-shaped connector.



### TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Length L, 100-4000 mm.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, with/without markings.
- ☑ Sterile, intended for single use.
- ☑ Packed in individual sterile packaging.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.
- ☑ Catheter can be made in other configuration upon customer's request.





# 03/10 MEDICAL CATHETERS

## DUODENAL LEVINE FEEDING CATHETER



Duodenal Levine suction catheter is used in gastroenterology for duodenal probing (aspiration of duodenal contents).

### ADVANTAGES

- ☑ Duodenal Levine suction catheter is made of transparent thermoplastic implantation-non-toxic polyvinyl chloride.
- ☑ The thermoplastic material softens due to the temperature of the surrounding tissues.
- ☑ It has a closed atraumatic end, four side holes located consecutively on two opposite walls of the catheter.
- ☑ Non-twisting thermolabile material, resistant to kinks and fractures, the lumen does not overlap when twisted.
- ☑ Smooth surface ensures easy insertion.
- ☑ Universal funnel-shaped connector.



### TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Length L, 100-4000 mm.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, with/without markings.
- ☑ Sterile, intended for single use.
- ☑ Packed in individual sterile packaging.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.
- ☑ Catheter can be made in other configuration upon customer's request.



# 03/10

## MEDICAL CATHETERS

### DUODENAL LEVINE FEEDING



Duodenal Levine feeding catheter is used in gastroenterology for duodenal probing (aspiration of duodenal contents). It can be used for enteral feeding.

#### ADVANTAGES

- ☑ Duodenal Levine feeding catheter is made of transparent thermoplastic implantable non-toxic polyvinyl chloride.
- ☑ The thermoplastic material softens due to the temperature of the surrounding tissues.
- ☑ It has a closed atraumatic end, four side holes located consecutively on two opposite walls of the catheter.
- ☑ Non-twistable thermolabile material, resistant to kinks and fractures.
- ☑ The lumen does not overlap when twisted.
- ☑ The smooth surface does not injure or irritate biological tissues.
- ☑ Universal funnel-shaped connector.



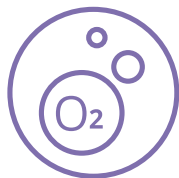
#### TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Length L, 100-4000 mm.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, with/without markings.
- ☑ Sterile, intended for single use.
- ☑ Packed in individual sterile packaging.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.
- ☑ Catheter can be made in other configuration upon customer's request.



# 03/11 MEDICAL CATHETERS

## OXYGEN



Oxygen catheter is used for short-term and long-term oxygen therapy. It substitutes for an oxygen mask. Allows eating and talking during therapy.

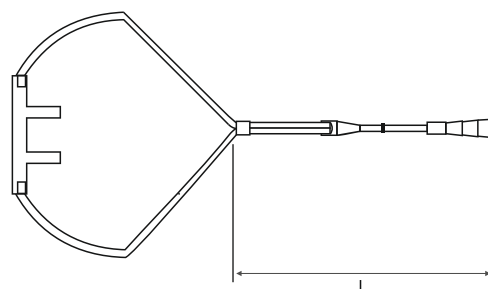
### ADVANTAGES

- ☑ Oxygen catheter is made of transparent thermoplastic non-toxic polyvinyl chloride.
- ☑ The thermoplastic material of nasal cannula softens due to the temperature of the surrounding tissues.
- ☑ Edges of nasal cannulae are smooth and rounded, which eliminates the risk of nasal mucosa trauma and does not cause discomfort and irritation to the patient during prolonged use.
- ☑ Soft, non-bending nasal part.
- ☑ The oxygen catheter connector is compatible with humidification and oxygen delivery systems.
- ☑ Nasal prongs can be made both straight and curved.
- ☑ The catheter is easily fixed in the nasal passages by adjusting the loop length.



### TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Length L, 100-4000 mm.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, with/without markings.
- ☑ Sterile, intended for single use.
- ☑ Packed in individual sterile packaging.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.
- ☑ Catheter can be made in other configuration upon customer's request.



# 03/12 MEDICAL CATHETERS

## SURGICAL DRAIN



Surgical drain catheter (tube) is used in surgery to drain pathological fluids from cavities and wounds of various sizes.

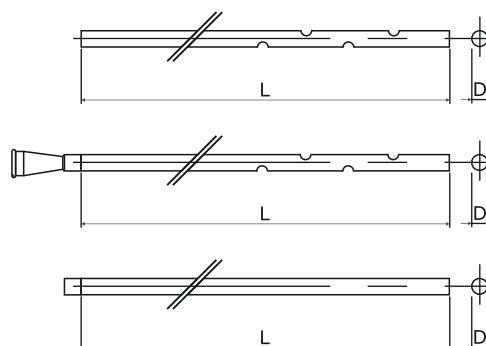
### ADVANTAGES

- ☑ Surgical drain catheter (tube) is made of transparent thermoplastic non-toxic polyvinyl chloride.
- ☑ The thermoplastic material softens due to the temperature of the surrounding tissues.
- ☑ Has an atraumatic open end and at least one side hole.
- ☑ Side holes provide for drainage with no clogging risk (number of holes upon customer's request).
- ☑ Specially treated surface reduces the need for the use of lubricants.
- ☑ Non-twistable thermolabile material, resistant to kinks and fractures.
- ☑ The lumen does not overlap when twisted.
- ☑ Connects to bellows for active drainage.



### TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Length L, 100-20000 mm.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, with/without markings.
- ☑ Sterile, intended for single use.
- ☑ Packed in individual sterile packaging.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.
- ☑ Catheter can be made in other configuration upon customer's request.



# 03/13 MEDICAL CATHETERS

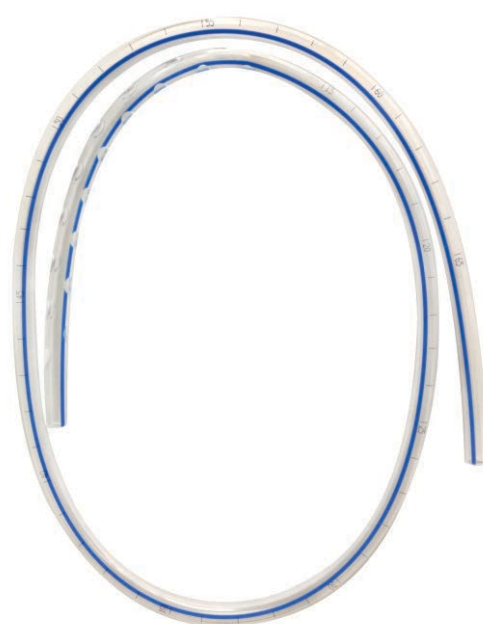
## REDON



Redon catheter is used in surgery to remove blood and effusion from the operated area.

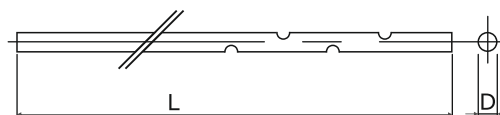
### ADVANTAGES

- ☑ Redon catheter is made of transparent thermoplastic non-toxic polyvinyl chloride.
- ☑ The thermoplastic material softens due to the temperature of the surrounding tissues.
- ☑ Has an atraumatic open end.
- ☑ Equal-sized side holes are located symmetrically on two opposite walls of the catheter (number of holes is agreed with the customer).
- ☑ Specially treated surface reduces the need for the use of lubricants.
- ☑ Non-twistable thermolabile material, resistant to kinks and fractures.
- ☑ The lumen does not overlap when twisted.

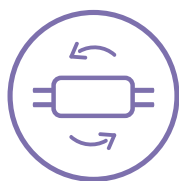


### TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Length L, 100-20000 mm.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, with/without markings.
- ☑ Sterile, intended for single use.
- ☑ Packed in individual sterile packaging.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.
- ☑ Catheter can be made in other configuration upon customer's request.



# 03/14 MEDICAL CATHETERS CONNECTING (TUBE)



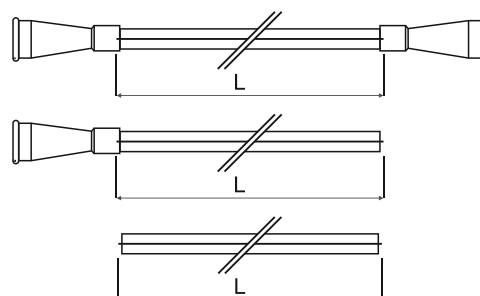
A connecting catheter (tube) is used as an extension line, drainage or flexible connection in medical devices.

## ADVANTAGES

- ☑ The connecting catheter (tube) is made of transparent thermoplastic non-toxic polyvinyl chloride.
- ☑ Has an atraumatic open end.
- ☑ One or more universal connectors are allowed.
- ☑ Transparent material allows for visual control.
- ☑ Tubes are resistant to blocking under back kinks.
- ☑ Possibility to connect via connectors to tubes of various diameters.

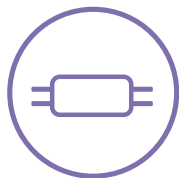
## TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Length L, 100-20000 mm.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, with/without markings.
- ☑ Sterile, intended for single use.
- ☑ Packed in individual sterile packaging.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.
- ☑ Catheter can be made in other configuration upon customer's request.



# 03/15 MEDICAL CATHETERS

## BEDSIDE URINE BAGS



The tube in coils is designed for catheterization, probing, manufacturing of drains, blood transfusion products, blood substitutes, infusion solutions, etc.; for equipping pumping and other medical devices, connecting to surgical devices and appliances.

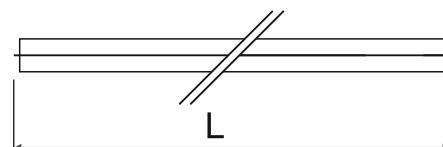
### ADVANTAGES

- ☑ The tube is made of transparent thermoplastic non-toxic polyvinyl chloride.
- ☑ The thermoplastic material softens due to the temperature of the surrounding tissues.
- ☑ The smooth surface of the tube contributes to the effective outflow of liquid.
- ☑ Non-twistable thermolabile material, resistant to kinks and fractures.
- ☑ The lumen does not overlap when twisted.
- ☑ The transparent material of the tube allows for visual control.



### TECHNICAL SPECIFICATIONS

- ☑ Outer diameter D, CH - 4 to 36, color-coded connector in accordance with international standards.
- ☑ Tube with/without radiopaque band.
- ☑ Tube material: transparent thermoplastic implantable non-toxic medical grade PVC, phthalate-free, with/without markings.



# 04 MEDICAL URINE BAGS

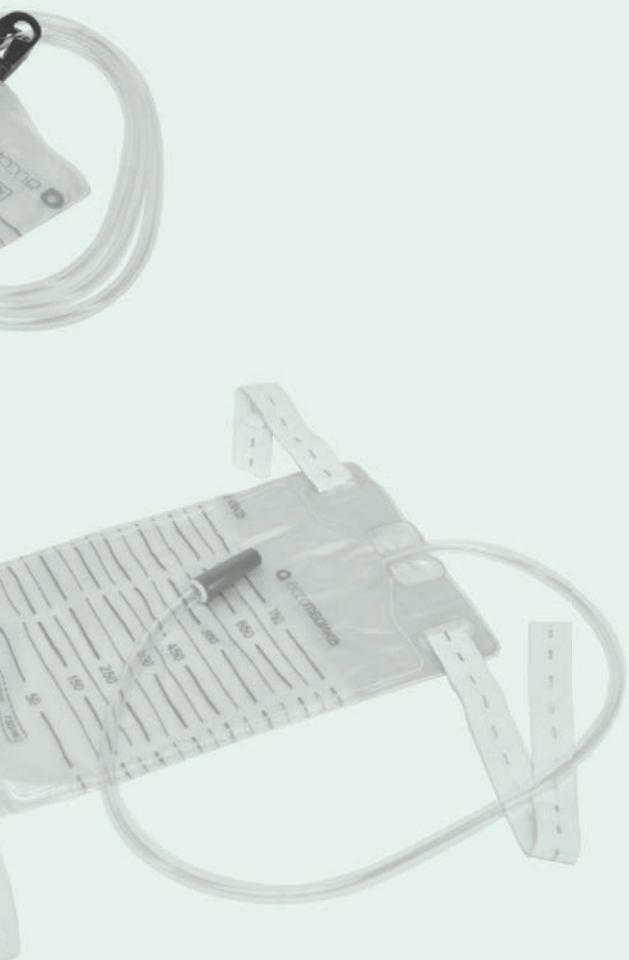
Bedside and leg urine bags are equipped with a drain valve, a non-return valve to prevent backflow of fluid, and marked scales to monitor the volume of urine excreted.

Asomedica Co. Ltd. offers a wide range of urine bags: bedside, leg (wearable), which are designed to facilitate the living conditions of patients.

## BEDSIDE URINE BAGS

## LEG URINE BAGS

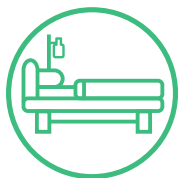
## ESMARCH'S IRRIGATOR





# 04/1 MEDICAL URINE BAGS

## BEDSIDE URINE BAGS



Bedside urine bags are designed to take urine through a catheter from the bladder. They are used in hospital, when the patient is lying down, attached to the patient's bed.

### ADVANTAGES

- ☑ It is equipped with a valve against the backflow of urine.
- ☑ Drain valve at the bottom of the bag (T-shaped, screw or other).
- ☑ The walls of the urine bag are transparent for better visibility of the color and amount of urine.
- ☑ The volume of the collected liquid is easily read from the scale located on the front of the urine bag.
- ☑ It is equipped with a long flexible kink-resistant tube. The tube ends with a conical connector with a cap, ideally suited to any size and type of catheter.
- ☑ It has sealed rings to secure the urine bag.
- ☑ Urine bags are available with fastening, and it is also possible to purchase a fastener separately.

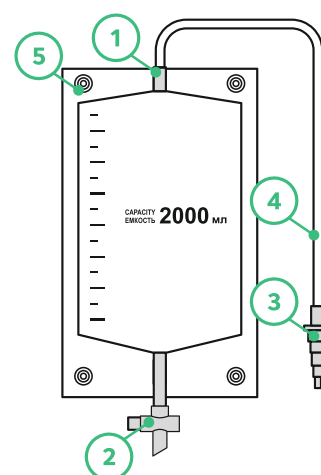


### TECHNICAL SPECIFICATIONS

- ☑ Sterile (sterilized with ethylene oxide gas) / non-sterile.
- ☑ Made of soft high-strength polyvinyl chloride that does not irritate the skin.
- ☑ The urine bag has a millimeter scale.
- ☑ The volume of bedside urine bags is 500 ml to 2000 ml.
- ☑ Individual packing.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.

### ACCESSORIES FOR BEDSIDE URINE BAGS:

- Fastening



- 1 Non-return valve (NRV)
- 2 Drain valve
- 3 Universal connector
- 4 Flexible branch pipe
- 5 Sealed rings to secure the urine bag

# 04/2 MEDICAL URINE BAGS LEG URINE BAGS



Leg urine bags are designed for patients who walk and live an active lifestyle, creating comfort and freedom of movement. They are equipped with two straps to secure to the leg without limiting social functions of the patient.

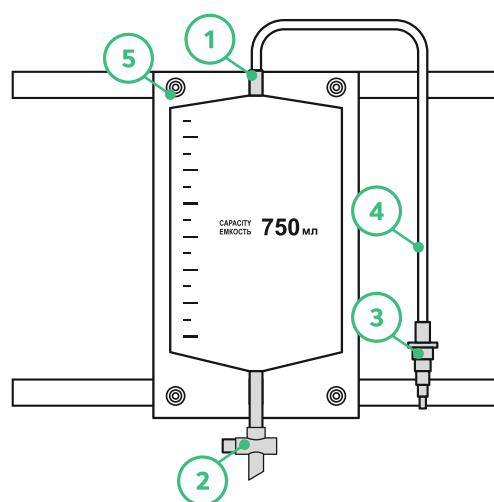
## ADVANTAGES

- ☑ It is equipped with a valve against the backflow of urine.
- ☑ Drain valve at the bottom of the bag (T-shaped, screw or other).
- ☑ The walls of the urine bag are transparent for better visibility of the color and amount of urine.
- ☑ The volume of the collected liquid is easily read from the scale located on the front of the urine bag.
- ☑ It is equipped with a flexible kink-resistant tube. The tube ends with a conical connector with a cap, ideally suited to any size and type of catheter.
- ☑ The ability to attach both to the hip and to the shin.
- ☑ Secure fastening with elastic straps.
- ☑ The tightness of the elastic straps is adjusted with a special fastener.
- ☑ Designed for use both in men and women.
- ☑ If necessary, it can be used as a bedside urine bag.



## TECHNICAL SPECIFICATIONS

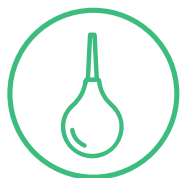
- ☑ Sterile (sterilized with ethylene oxide gas) / non-sterile.
- ☑ Made of soft high-strength polyvinyl chloride that does not irritate the skin.
- ☑ The urine bag has a millimeter scale.
- ☑ The volume of bedside urine bags is 500 ml to 2000 ml.
- ☑ Individual packing.
- ☑ Shelf life (sterility) - 5 years from the date of manufacture.



- 1 Non-return valve (NRV)
- 2 Drain valve
- 3 Universal connector
- 4 Flexible branch pipe
- 5 Sealed rings for securing straps

# 04/3 MEDICAL URINE BAGS

## ESMARCH'S IRRIGATOR



Used for therapeutic or cleansing enemas, vaginal douching and irrigations.

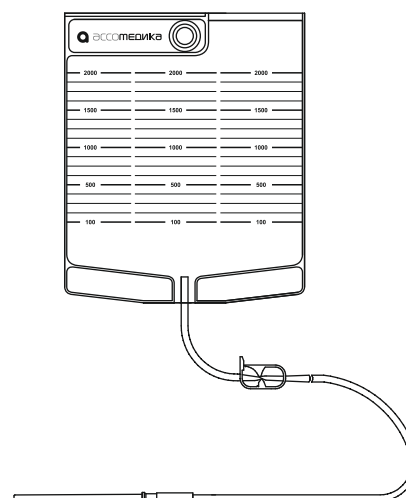
### ADVANTAGES

- ✓ Esmarch's irrigator disposable is a transparent bag with a capacity of 500 to 2000 ml.
- ✓ The surface of the bag is calibrated, allowing to control the volume of the injected liquid.
- ✓ The presence of a sealed ring (rings) allows you to attach Esmarch's irrigator to the stand.
- ✓ The Esmarch's irrigator is equipped with a flexible branch pipe with a length of 400 to 2000 mm with a locking device (clamp), which allows adjusting the rate of fluid injection.
- ✓ A set of Esmarch's irrigator can include various tips (rigid or elastic) of various sizes and purposes.
- ✓ If the tip is missing, its function is performed by the atraumatic end of the flexible branch pipe.



### TECHNICAL SPECIFICATIONS

- ✓ Sterile, apyrogenic, non-toxic, phthalate-free.
- ✓ Single-use product.
- ✓ Moisture protection during storage.
- ✓ Shelf life (sterility) - 5 years from the date of manufacture.





Asomedica Co. Ltd.

Republic of Belarus, 222210, Minsk Region, Smolevichi District,  
Great Stone China-Belarus Industrial Park, 22 Sapfirovaya St.,  
phone: +375 (17) 307-76-16, fax: +375 (17) 298-54-81  
e-mail: [office@asomedica.by](mailto:office@asomedica.by)