

neo respire

REVOLUTIONARY RESPIRATORY SYSTEMS



Forca Healthcare
Solutions for Excellence in Healthcare

BACTERIAL/VIRAL VENTILATION FILTERS

Variants : Adult (Code: 2120) | Paediatric (Code: 2220)

Overview

Electrostatic bacterial and viral filters to protect the patient from airborne microorganisms that may be present in inhaled air. It also safe-guards the ventilator and its breathing system from patient exhaled airborne microorganisms which helps reduce the risk of possible cross-infections.

Features

- Individually packed and ready to use
- Designed for breathing circuits and devices
- Lightweight – Low tractive force on connection
- Biocompatible material
- Transparent casing – allows easy inspection of blockages
- Low dead space – minimizes threat of rebreathing
- High quality filtration media with proven efficiency
- Low flow resistance
- ISO connectors



Specifications

Technical parameters	Adult (Code: 2120)	Paediatric (Code: 2220)
Filtration efficiency (Bacterial and Viral)	>99.999%	>99.999%
Mode of filtration	electrostatic	electrostatic
Tidal volume	250-1000 ml	75-250 ml
Flow resistance	<0.3kpa @60 LPM	<0.2kpa @20 LPM
Dead space	<52 ml	<25 ml
Connectors	22M/15F, 15M/22F	15F/22M, 15M
Weight	<30g	<20g
Luer lock port for CO2 sampling	Yes	Yes

BACTERIAL/VIRAL VENTILATION FILTERS WITH HME

Variants : Adult (Code: 2130) | Paediatric (Code: 2230)

Overview

Electrostatic bacterial and viral filters with heat and moisture element to effectively warm and moisten the air while also protecting the patient and healthcare workers from airborne microbes.

Features

- Individually packed and ready to use
- Long lasting HME - beyond 24 hours
- Ideal humidification performance - avoids excessive breathing gas humidification
- Designed for breathing circuits and devices
- Lightweight - Low tractive force on connection
- Biocompatible material
- Transparent casing - allows easy inspection of blockages
- Low dead space - minimizes threat of rebreathing
- High quality filtration media with proven efficiency
- Low flow resistance
- ISO connectors



Specifications

Technical parameters	Adult (Code: 2130)	Paediatric (Code: 2230)
Filtration efficiency (Bacterial and Viral)	>99.999%	>99.999%
Mode of filtration	electrostatic	electrostatic
Humidity output	34 mg/l @VT-500ml	34 mg/l @VT-250ml
Tidal volume	250-1000 ml	75-250 ml
Flow resistance	<0.3kpa @60 LPM	<0.2kpa @20 LPM
Dead space	<45 ml	<20 ml
Connectors	22M/15F, 15M/22F	15F/22M, 15M
Weight	<30g	<20g
Luer lock port for CO2 sampling	Yes	Yes

PRESSURE MONITORING LINE (PE)

Variants : PE tubing with M/F connectors: 10 cm (Code: 1610A) | 15 cm (Code: 1611A) | 30 cm (Code: 1612A) | 50 cm (Code: 1613A) | 100 cm (Code: 1614A) | 150 cm (Code: 1615A) | 200 cm (Code: 1616A)

PE tubing with M/M connectors: 10 cm (Code: 1610C) | 15 cm (Code: 1611C) | 30 cm (Code: 1612C) | 50 cm (Code: 1613C) | 100 cm (Code: 1614C) | 150 cm (Code: 1615C) | 200 cm (Code: 1616C)

Overview

Pressure monitoring lines for extending medical tubing and pressure monitoring.

Features

- Individually packed and ready to use
- Disposable, sterile and non-pyrogenic
- Manufactured from non-toxic medical grade PVC material
- Pressure endurance of > 40 bar
- Suitable for high pressure monitoring and for connection between syringe infusion pump and patient
- Fitted with luer locks for secure connection
- Various lengths available according to requirement
- Kink resistant tubing



Specifications

Connectors	Length	Prime Volume	Connectors	Length	Prime Volume
M/F	10 cm (Code: 1610A)	0.2 ml	M/M	10 cm (Code: 1610C)	0.1 ml
	15 cm (Code: 1611A)	0.3 ml		15 cm (Code: 1611C)	0.2 ml
	30 cm (Code: 1612A)	0.4 ml		30 cm (Code: 1612C)	0.3 ml
	50 cm (Code: 1613A)	0.6 ml		50 cm (Code: 1613C)	0.5 ml
	100 cm (Code: 1614A)	1.0 ml		100 cm (Code: 1614C)	0.9 ml
	150 cm (Code: 1615A)	1.5 ml		150 cm (Code: 1615C)	1.4 ml
	200 cm (Code: 1616A)	1.9 ml		200 cm (Code: 1616C)	1.8 ml

PRESSURE MONITORING LINE (PVC)

Variants : 10 cm (Code: 1610B) | 15 cm (Code: 1611B) | 30 cm (Code: 1612B) | 50 cm (Code: 1613B) | 100 cm (Code: 1614B)
150 cm (Code: 1615B) | 200 cm (Code: 1616B)

Overview

Pressure monitoring lines for extending medical tubing and pressure monitoring.

Features

- Individually packed and ready to use
- Disposable, sterile and non-pyrogenic
- Manufactured from non-toxic medical grade PVC material
- Pressure endurance of > 40 bar
- Suitable for high pressure monitoring and for connection between syringe infusion pump and patient
- Fitted with luer locks for secure connection
- Various lengths available according to requirement
- Kink resistant tubing



Specifications

Connectors	Length	Prime Volume
M/F	10 cm (Code: 1610B)	0.3 ml
	15 cm (Code: 1611B)	0.3 ml
	30 cm (Code: 1612B)	0.5 ml
	50 cm (Code: 1613B)	0.7 ml
	100 cm (Code: 1614B)	1.2 ml
	150 cm (Code: 1615B)	1.8 ml
	200 cm (Code: 1616B)	2.3 ml

3-WAY STOPCOCK WITH EXTENSION LINE

Variants : 7 cm (Code: 1901) | 10 cm (Code: 1902) | 15 cm (Code: 1903) | 25 cm (Code: 1904) | 50 cm (Code: 1905)
100 cm (Code: 1905) | 150 cm (Code: 1906)

Overview

High quality and reliable 3-way stopcock with extension tube for use with any infusion/transfusion devices and blood pressure monitoring. It also provides an alternative channel for introduction of medicine to the patient with ease of use.

Features

- Individually packed and ready to use
- Disposable, sterile and pyrogenic
- Three arm handle allows for smooth movement to change fluid direction for facilitating smooth and easy operations
arrow mark indicating direction of flow
- Transparent body - allows easy observation of flow
- Kink-resistant tubing with smooth inner surfaces for laminar, non-turbulent flow.
- Minimum residual fluid volume
- Pressure endurance of > 40 bar



YANKAUER SUCTION SET

Variants : Standard tip (Code: 1500)

Overview

The suction set can be used for blood and other fluids removal during open surgery while the product is connected to an external source of suction and its suctioned volume counted as blood loss during surgery.

Features

- Individually packed and ready to use
- Disposable, sterile and non-pyrogenic
- Ergonomic transparent handle offers a firm grip
- Handle with 4 side suction ports smooth atraumatic tip to withstand negative pressure and ensure continuous and easy suction of fluid
- Kink resistant transparent tubing makes draining visible
- Connection adaptability to vacuum or suction tubes
- Control vent sealed with removable sleeve
- 2 meter tube



Overview

State of the art breathing circuits that help deliver oxygen, remove carbon dioxide, and deliver inhalational anaesthetic agents to patients in an efficient and safe manner. All breathing circuits are available in a wide range of configurations.

Features

- Extremely flexible and crush-proof tube thereby eliminating any risk of interruption in the ventilation procedure
- Tube diameter is constant whatever the curvature radius of the circuit
- Smooth bore prevents condensation build-up which reduces bacterial growth
- Tube is totally transparent, so the circuit can be constantly monitored
- Tube features soft flexible connectors that ensure a perfect seal



Specifications

Technical parameters	Adult	Paediatric
Connections	22M/15 F patient connection and 22 F ventilator connection	22M/15 F patient connection and 22 F ventilator connection
Luer port	7.6 mm on Y connection and 4.3 mm on elbow connection	7.6 mm on Y connection and 4.3 mm on elbow connection
Corrugated tube diameter	22 mm	15 mm
Length	150 cm	150 cm
Water trap volume	40 ml	40 ml

Variants :

	Water trap	Cuff	Catheter mount with 7.6 luer port	Humidification limb	Expandable limb	Code
Adult	No	Yes	No	No	No	1140
	No	No	No	No	No	1140A
	No	No	No	No	Yes	1140B
	Single	Yes	No	No	No	1120
	Single	No	No	No	No	1120A
	Single	Yes	No	Yes	No	1121
	Double	No	No	Yes	No	1122
	Double	No	No	No	No	1130A
	Double	Yes	No	No	No	1130
	Double	Yes	Yes	No	No	1160
Paediatric	No	No	No	No	No	1240
	Single	No	No	No	No	1220
	Single	No	No	Yes	No	1270
	Double	No	No	No	No	1230
	Double	No	No	Yes	No	1260



MASK AND MASK KITS

Variants : Oxygen mask (Code 3120)

Features

- Clear face piece allows visual observation of the patient status
- Smooth material used for the cushion allows for a tight seal while providing patient comfort

Specifications

Oxygen Mask

- For adult oxygen therapy
- Adjustable elastic band
- Connector : 6 M
- Star lumen 2 meter flexible PVC oxygen tube



MASK AND MASK KITS

Variants : Aerosol mask (Code 3130 | Venturi Mask Kit (Code 3140)

Features

- Clear face piece allows visual observation of the patient status
- Smooth material used for the cushion allows for a tight seal while providing patient comfort

Specifications

Aerosol Mask

- For adult oxygen therapy
- Adjustable elastic band
- Connector : 6 M
- Star lumen 2 meter flexible PVC oxygen tube

Venturi Mask

- For adult oxygen therapy
- Adjustable elastic band
- Connector : 22 M
- Aluminium nose clip
- 6 colour coded venturi adapters
- Oxygen flow : 2-15 LPM
- Oxygentube : 2 meter flexible PVC star lumen
- Accessories : 22 mm corrugated tube - 15 cm with 22 M / 22 M connector, humidification cup





ANAESTHESIA BREATHING CIRCUITS

Variants : Standard (Code 1300)

Specifications

- Connections : 22 M / 15 F patient connection and 22 F ventilator connection
- Luer port : 7.6 mm on Y connector and 4.3 mm on elbow connector
- Corrugated tube size : 22 mm
- Length : 150 cm
- Breathing bag : 2 L



FLEXIBLE CATHETER MOUNT

Variants : Without Luer port (Code:4140) | With 4.3 Luer Port (Code:4120) | With 7.6 Luer Port (Code:4130)

Overview

Catheter mounts are available in corrugated tubing, smooth bore tubing and extendible tubing. A variety of patient elbows are available for gas monitoring, airway suctioning and fibre optic bronchoscopy.

Features

- Low dead space
- Corrugated tubing and smooth bore tubing
- Available in a wide range of configurations and can be further customised by attaching associated products including filters, face masks etc.



Specifications

- Connectors : 22 M / 15 F patient connection and 22 F ventilator connection
- Luer port : 4.3 mm / 7.6 mm
- Length : 15 cm

Variants : Standard circuit (Code 1400) | Circuit With Breathing Bag on 1.5m Extended Limb (Code 1401)

Overview

The Bain Circuit uses a high fresh gas flow to deliver anaesthetic gases to the patient and to wash out the exhaled CO₂. The construction of the Bain Circuit uses an inner tube which delivers fresh gases to the patient and an outer corrugated tube that transports the exhaled gases. This system ensures there is no rebreathing of the exhaled gases when the correct flow rate is set, this is dependent on the patient's minute ventilation.

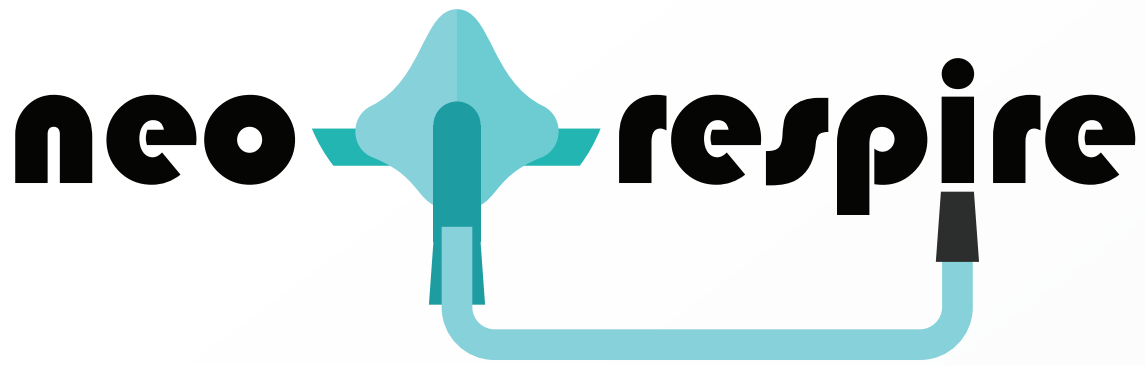
Features

- High sensitive APL valve for uniform pressure response
- High visibility sticker on APL valve with clear position indications
- Coloured oxygen tubing for better visibility
- 30 M scavenging port for safely handling outlet gas
- 22 F machine port with 22 M adaptor for optional use
- Patient port standard connector 22 M / 15 F
- Patient elbow connector



Specifications

- Peak pressure safety feature ensure < 60 cm H₂O under 25 LPM flow
- 30 M scavenging port for safely handling outlet gas
- 22 F machine port with 22 M adaptor for optional use
- Patient port standard connector 22 M / 15 F



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