

pro-breathe™



Capnography/Gas Sampling Lines

Microstream Compatible & Standard Luer

PROACT



pro-breathe™ MS Microstream Compatible - Short & Long Term Sampling Lines

- Designed to connect to low flow (50ml/min) Microstream enabled monitors and provide a crisp, accurate capnography waveform
- Full range of sampling options including intubated and non-intubated gas sampling lines to cover a wide range of patients and applications
- New innovative single nostril, nasal cannula with breathing bypass offers fast low cost EMS ventilatory monitoring
- Colour coded packaging differentiates intubated and non-intubated sample lines to make selecting the right item easy
- 0.2-micron filter included on all lines to protect the monitor from contamination
- Nafion™ dryer built into long term lines (yellow connector) allows use for up to 72 hours
- Short term (<8 hours) sampling lines are fitted with orange connector

Nasal sampling cannula have soft dip-moulded prongs for patient comfort

- Available in adult and paediatric sizes with a sliding toggle to adjust under chin for best fit
- Oral/nasal option offers effective oral and nasal sampling when the patient alternates between breathing through the mouth and nose
- Options for supplemental O₂ delivery (up to 5 L/min) designed for minimal dilution of waveform and maximum patient safety with integrated crush/kink resistant tubing
- Innovative Duo Flow nasal design allows EtCO₂ sampling and O₂ delivery from both nostrils simultaneously
- Wide surface area of oral-nasal devices is ideal for sampling during shallow breathing.

Common Specifications for PRO-BREATHE MS Sample Lines
Sampling Pump Flow Rate: 50 ml/min
Length: 2.1m
ID: 1.0mm, OD: 2.5mm (CO₂)

Integrated 0.2-micron filter with streamlined design to avoid patient discomfort



Microstream Compatible Short Term Use (<8 hours)

pro-breathe™ MS

Part Number	All sample lines are 2.1m long with sampling line ID = 1mm Pump Flow Rate = 50 ml/min	Pack Size	Size	Style	O2 Delivery	Filter
Intubated						
PBMS04620		Box of 25	Adult / Paediatric	22 / 15mm Airway Adapter (SideStream)	N/A	
Non-Intubated						
PBMS04121		Box of 25	Adult	Single Nasal Port with Bypass		
PBMS04221		Box of 25	Adult	Nasal		
PBMS04222		Box of 25	Paediatric	Nasal		
PBMS04261		Box of 25	Adult	Nasal		
PBMS04262		Box of 25	Paediatric	Nasal		
PBMS04361		Box of 25	Adult	Nasal Duo Flow		
PBMS04421		Box of 25	Adult	Oral - Nasal		
PBMS04422		Box of 25	Paediatric	Oral - Nasal		
PBMS04561		Box of 25	Adult	Oral - Nasal		
PBMS04562		Box of 25	Paediatric	Oral - Nasal		

Microstream Compatible Long Term Use (<72 hours)

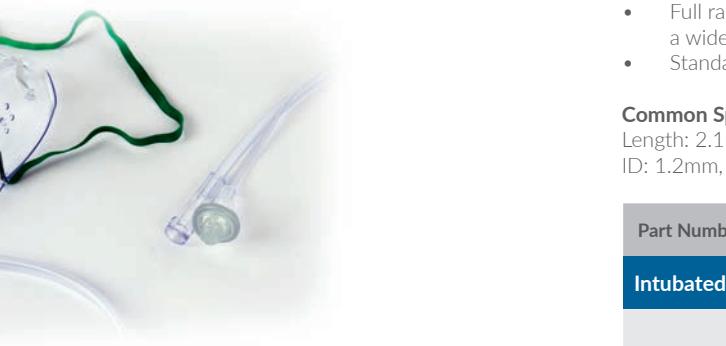
pro-breathe™ MS

Part Number	All sample lines are 2.1m long with sampling line ID = 1mm Pump Flow Rate = 50 ml/min	Pack Size	Size	Style	O2 Delivery	Filter
Intubated						
PBMS06620		Box of 25	Adult / Paediatric	22 / 15mm Airway Adapter (SideStream)	N/A	
Non-Intubated						
PBMS06221		Box of 25	Adult	Nasal		
PBMS06222		Box of 25	Paediatric	Nasal		
PBMS06261		Box of 25	Adult	Nasal		
PBMS06262		Box of 25	Paediatric	Nasal		
PBMS06361		Box of 25	Adult	Nasal Duo Flow		
PBMS06421		Box of 25	Adult	Oral - Nasal		
PBMS06422		Box of 25	Paediatric	Oral - Nasal		
PBMS06561		Box of 25	Adult	Oral - Nasal		
PBMS06562		Box of 25	Paediatric	Oral - Nasal		

CO₂ Sampling Mask Kits for CO₂ sampling with supplemental O₂ delivery

pro-breathe™

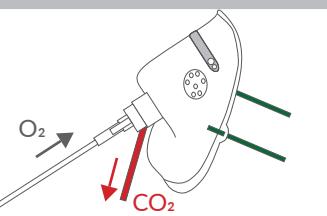
- Soft lightweight PVC construction with smooth feathered edge for patient comfort during long term use.
- Adjustable nose clip and elasticated head strap ensure a good fit.
- Transparent material ensures patient response can be easily monitored.
- Supplied ready to use with integrated crush/kink resistant tubing and 0.3-micron filter to reduce the risk of monitor contamination.



Common Specifications

Length: 2.0m for both O2 line and sampling line
ID: 1.5mm CO₂, 2.5mm O₂ tubing

Part Number	CO ₂ Sampling Mask with O ₂ Delivery	Pack Size	Size	Style	O ₂ Delivery	Filter
PBNS04061		Box of 50	Adult	Mask with Male Luer	✓	✓
PBNS04062		Box of 50	Paediatric	Mask with Male Luer	✓	✓



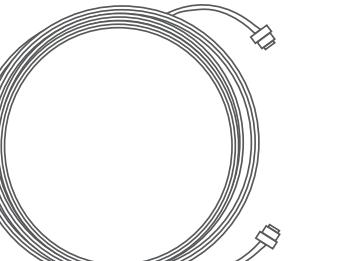
Gas Sampling Lines & Accessories

- Constructed from specially formulated PVC material to ensure accurate sampling of both CO₂ and anaesthetic gases with no cross contamination.
- High strength, kink/occlusion resistant design optimised for fast sampling response.
- Available in multiple lengths and a choice of male and female luer lock connectors.

Common Specifications

ID: 1.2mm, OD: 3.0mm

Part Number	Gas Sampling Line	Pack Size	Length	Luer Style	O ₂ Delivery	Filter
PBSL08001		Box of 50	1.0m	Male / Male	N/A	
PBSL08002		Box of 50	2.0m	Male / Male	N/A	
PBSL08005		Box of 50	2.5m	Male / Male	N/A	
PBSL08003		Box of 50	3.0m	Male / Male	N/A	✗
PBSL08006		Box of 50	5.0m	Male / Male	N/A	
PBSL08007		Box of 50	6.0m	Male / Male	N/A	
PBSL08008		Box of 50	3.0m	Male / Female	N/A	
Part Number	Intubated Airway Adapter Luer Lock Female Sample Port	Pack Size	Size	Style	O ₂ Delivery	Filter
PBNS04820	Adapter Only	Box of 25	Adult / Paediatric (for ET>4.0mm)	22 / 15mm Airway Adapter (SideStream)	N/A	✗
PBNS04800	Filter Only	Box of 100	0.3 micron	Luer Lock Male/Female	N/A	✓



Adapter Only



Filter Only

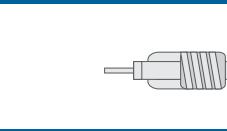
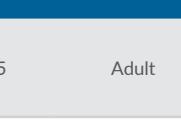
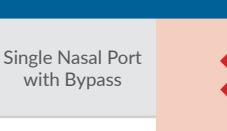
CO₂ Sampling Devices with Luer Lock Connectors

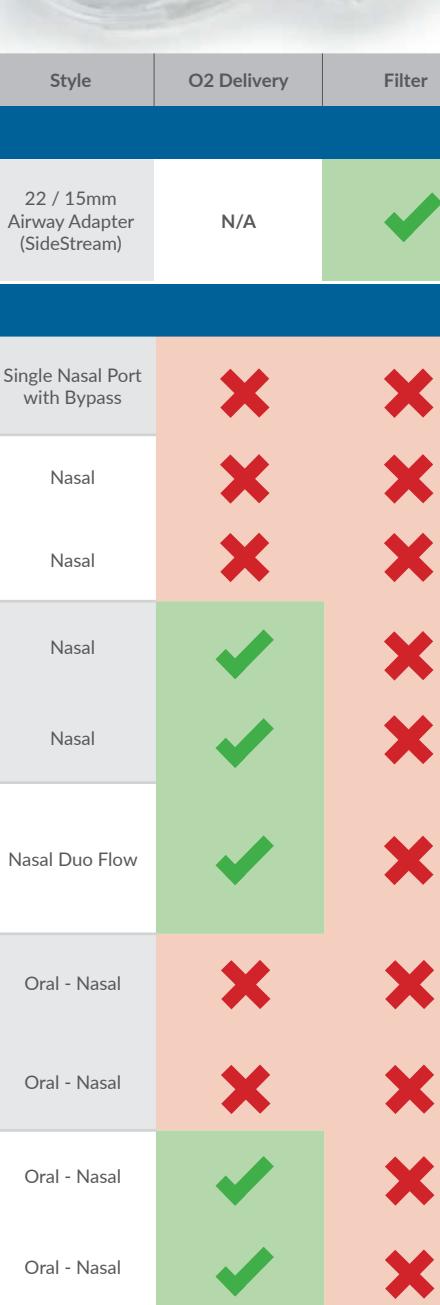
- Full range of sampling devices including O₂ mask with CO₂ sampling, single nostril with bypass, nasal cannula and intubated airway adapter to cover a wide range of applications and patient sizes.
- Standard male luer lock connectors, suitable for most types of monitors, offer maximum flexibility.

Common Specifications

Length: 2.1m (unless otherwise stated)

ID: 1.2mm, OD: 2.5mm (CO₂)

Part Number			Pack Size	Size	Style	O ₂ Delivery	Filter
Intubated							
PBNS04620			Box of 25	Adult / Paediatric	22 / 15mm Airway Adapter (SideStream)	N/A	✓
Non-Intubated							
PBNS04121			Box of 25	Adult	Single Nasal Port with Bypass	✗	✗
PBNS04221			Box of 25	Adult	Nasal	✗	✗
PBNS04222			Box of 25	Paediatric	Nasal	✗	✗
PBNC11130			Box of 50	Adult	Nasal	✓	✗
PBNC11230			Box of 50	Paediatric	Nasal	✓	✗
PBNS04361			Box of 25	Adult	Nasal Dual Flow	✓	✗
PBNS04421			Box of 25	Adult	Oral-Nasal	✗	✗
PBNS04422			Box of 25	Paediatric	Oral-Nasal	✗	✗
PBNS04561			Box of 25	Adult	Oral-Nasal	✓	✗
PBNS04562			Box of 25	Paediatric	Oral-Nasal	✓	✗



Also available from PROACT Handheld / Table Top / Pole Mount Capnography Solutions





All devices manufactured by PROACT™ Medical are fully compliant with the relevant requirements of the European Medical Device Regulations MDR 2017/745.

All PROACT products are CE manufactured/FDA Approved to exceed the minimum requirements of any global standards. Our operations are supported by a Quality Management System certified to meet the criteria of ISO 13485:2016 and we expect the same from our suppliers.

We are proud of our environmental credentials and utilise a system which has been certified to the International standard ISO 14001. We constantly work to minimise our environmental impact, handling our business in a way that is committed to preserving, protecting and enhancing the environment.

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