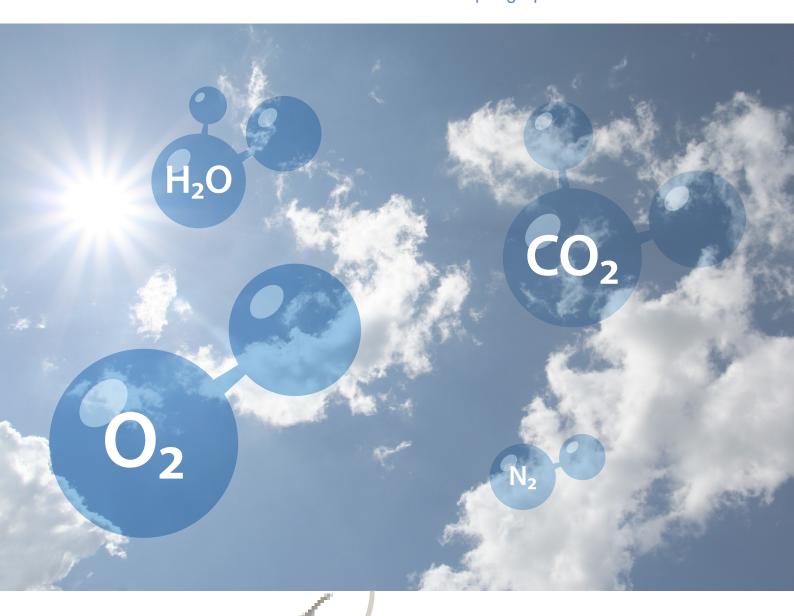
capnography

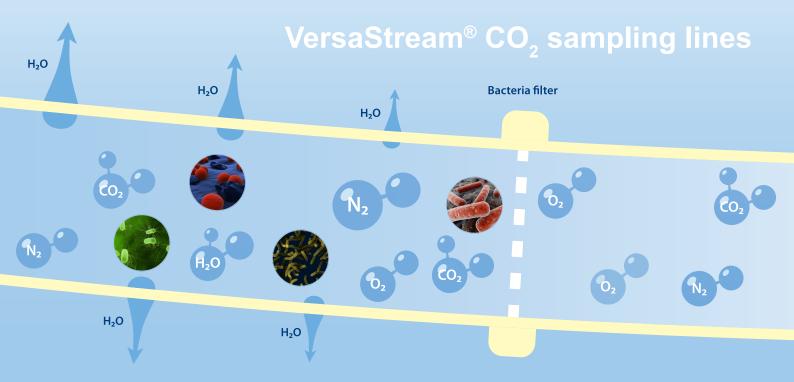


VersoStreom® VM-2500 Series CO₂ Sampling Lines

Innovative Solutions for Sidestream CO₂ Monitoring for use with Viamed VM-2500 series Capnographs







The VersaStream® gas sampling lines combine reliability, flexibility and cost efficiencies

Why VersaStream[®] CO₂ sampling lines?

- Cost-effective alternative to Nafion® tubes
- The gas-selective non-porous material facilitates fast and complete removal of condensation from the sampling line
- The integrated bacterial filter prevents contamination
- Reliable measured gas values, due to negligible dead space volume of the filter - even in cases of high respiration rates
- For use with VM-2500 series Capnographs
- Integrated bacteria filter and water removal reduces the number of patient circuit parts and speeds up patient monitoring preparation time

Innovative material technologies

Latest material technologies permit active and complete removal of moisture and water – even in cases of low temperatures and high humidity.

No need to use expensive Nafion® tubes, which are not resistant to bending.

VersaStream® CO₂ sampling lines are very flexible and are suitable for short-term and long-term applications.



Available CO₂ sampling lines



Nasal Sampling Line



Nasal Cannula



Nasal/Oral Cannula



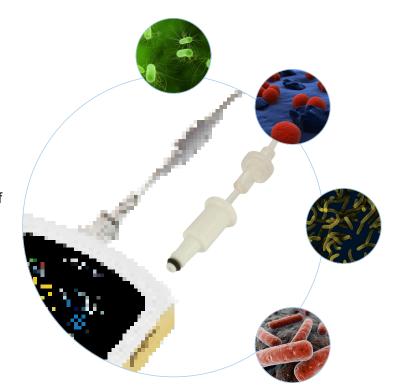
Airway Adapter Sampling Line

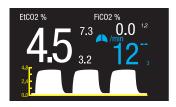


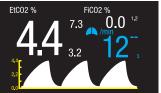
Luer Lock Male

Reduction of contamination risks

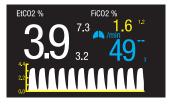
The integrated bacteria filter of the VersaStream® CO₂ sampling lines prevent contamination of gas-conducting components in and at the patient monitor. Transmission of germs, e.g. by contamination at the sample gas connection port of the monitor is prevented.

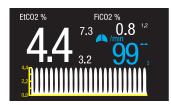


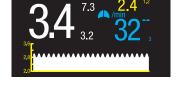












VersaStream®

LDS filter – Low-dead-space bacteria filter

Reliable measured values – even in cases of high breathing or ventilation frequency

The dead space volume of the filter unit has been reduced to only a few micro litres, thus facilitating precise measurement of CO_2 concentrations in the breathing gas – even at high respiration rates.



Diverse areas of application

VersaStream® CO₂ sampling lines are suitable for use in areas, such as:

- Short and long term patient monitoring applications
- Monitoring of intubated and non-intubated patients
- Emergency medicine
- Patient transport
- Anaesthesia

- Intensive-care medicine for adults and children
- Sedation
- Pain therapy, pain therapy management
- Homecare
- Sleep clinics and CPAP-ventilation

OHOIT TOTAL	application – Nasal Sampling Line	Packaging unit	Viamed Part Number	Model Number
CO ₂	Adult	25 pcs./box	4420800	P-S-VIA-200
Short-term	application – Nasal Cannula	Packaging unit	Viamed Part Number	Model Number
	Adult	25 pcs./box	4420801	NA-S-VIA-200
CO ₂	Paediatric	25 pcs./box	4420802	
	Infant	25 pcs./box	4420803	
	Adult	10 pcs./box	4420804	
O ₂ /CO ₂	Paediatric	10 pcs./box	4420805	
	Infant	10 pcs./box	4420806	
Long-term application – Nasal Cannula		Packaging unit	Viamed Part Number	Model Number
CO ₂	Adult	25 pcs./box	4420807	
	Paediatric	25 pcs./box	4420808	
	Infant	25 pcs./box	4420809	
O ₂ /CO ₂	Adult	10 pcs./box	4420810	
	Paediatric	10 pcs./box	4420811	
	Infant	10 pcs./box	4420812	NIO2-L-VIA-200
Short-term	application – Nasal/Oral Cannula	Packaging unit	Viamed Part Number	Model Number
CO ₂	Adult	25 pcs./box	4420813	
	Paediatric	25 pcs./box	4420814	
O ₂ /CO ₂	Adult	10 pcs./box	4420815	
021002	Paediatric	10 pcs./box	4420816	ONPO2-S-VIA-200
Long-term application – Nasal/Oral Cannula		Packaging unit	Viamed Part Number	Model Number
CO ₂	Adult	25 pcs./box	4420817	
002	Paediatric	25 pcs./box	4420818	
		_0 poopox		
0./00	Adult	10 pcs./box	4420819	
O ₂ /CO ₂	Adult Paediatric			
		10 pcs./box	4420819	
	Paediatric	10 pcs./box 10 pcs./box	4420819 4420820	ONAO2-L-VIA-200 ONPO2-L-VIA-200
Short-term	Paediatric application – Airway Adapter Sampling Line	10 pcs./box 10 pcs./box Packaging unit	4420819 4420820 Viamed Part Number	ONAO2-L-VIA-200 ONPO2-L-VIA-200 Model Number
Short-term of CO ₂	Paediatric application – Airway Adapter Sampling Line Adult/Paediatric	10 pcs./box 10 pcs./box Packaging unit 25 pcs./box	4420819 4420820 Viamed Part Number 4420821	ONAO2-L-VIA-200 ONPO2-L-VIA-200 Model Number A22-S-VIA-200
Short-term of CO ₂	Paediatric application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm	10 pcs./box 10 pcs./box Packaging unit 25 pcs./box 25 pcs./box	4420819 4420820 Viamed Part Number 4420821 4420822	ONAO2-L-VIA-200 ONPO2-L-VIA-200 Model Number A22-S-VIA-200 A4.0-S-VIA-200
Short-term a CO ₂ CO ₂ Long-term a	Paediatric application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm application – Airway Adapter Sampling Line	10 pcs./box 10 pcs./box Packaging unit 25 pcs./box 25 pcs./box Packaging unit	4420819 4420820 Viamed Part Number 4420821 4420822 Viamed Part Number	ONAO2-L-VIA-200 ONPO2-L-VIA-200 Model Number A22-S-VIA-200 A4.0-S-VIA-200 Model Number
Short-term of CO ₂ CO ₂ Long-term of CO ₂	Paediatric application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm application – Airway Adapter Sampling Line Adult/Paediatric	10 pcs./box 10 pcs./box Packaging unit 25 pcs./box 25 pcs./box Packaging unit 25 pcs./box	4420819 4420820 Viamed Part Number 4420821 4420822 Viamed Part Number 4420823	ONAO2-L-VIA-200 ONPO2-L-VIA-200 Model Number A22-S-VIA-200 A4.0-S-VIA-200 Model Number A22-L-VIA-200
Short-term of CO ₂ CO ₂ Long-term of CO ₂ CO ₂	Paediatric application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm	10 pcs./box 10 pcs./box Packaging unit 25 pcs./box 25 pcs./box Packaging unit 25 pcs./box 25 pcs./box	4420819 4420820 Viamed Part Number 4420821 4420822 Viamed Part Number 4420823 4420824	ONAO2-L-VIA-200 ONPO2-L-VIA-200 Model Number A22-S-VIA-200 A4.0-S-VIA-200 Model Number A22-L-VIA-200 A4.0-L-VIA-200
Short-term of CO ₂ CO ₂ Long-term of CO ₂ CO ₂ CO ₂ CO ₂ CO ₂ /AA CO ₂ /AA	Paediatric application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm Adult/Paediatric	10 pcs./box 10 pcs./box Packaging unit 25 pcs./box 25 pcs./box Packaging unit 25 pcs./box 25 pcs./box 25 pcs./box 25 pcs./box	4420819 4420820 Viamed Part Number 4420821 4420822 Viamed Part Number 4420823 4420824 4420827	ONAO2-L-VIA-200 ONPO2-L-VIA-200 Model Number A22-S-VIA-200 A4.0-S-VIA-200 Model Number A22-L-VIA-200 A4.0-L-VIA-200 A22-LA-VIA-200
Short-term of CO ₂ CO ₂ Long-term of CO ₂ CO ₂ CO ₂ CO ₂ CO ₂ /AA CO ₂ /AA	Paediatric application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm	10 pcs./box 10 pcs./box Packaging unit 25 pcs./box 25 pcs./box Packaging unit 25 pcs./box 25 pcs./box 25 pcs./box 25 pcs./box 25 pcs./box	4420819 4420820 Viamed Part Number 4420821 4420822 Viamed Part Number 4420823 4420824 4420827 4420828	ONAO2-L-VIA-200 ONPO2-L-VIA-200 Model Number A22-S-VIA-200 A4.0-S-VIA-200 Model Number A22-L-VIA-200 A4.0-L-VIA-200 A22-LA-VIA-200 A4.0-LA-VIA-200
Short-term a CO ₂ CO ₂ Long-term a CO ₂ CO ₂ CO ₂ CO ₂ A CO ₂ /AA CO ₂ /AA Short-term a CO ₂	Paediatric application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm application - LLM Sampling Line	10 pcs./box 10 pcs./box Packaging unit 25 pcs./box 25 pcs./box Packaging unit 25 pcs./box 25 pcs./box 25 pcs./box 25 pcs./box 25 pcs./box Packaging unit Packaging unit	4420819 4420820 Viamed Part Number 4420821 4420822 Viamed Part Number 4420823 4420824 4420827 4420828 Viamed Part Number	ONAO2-L-VIA-200 ONPO2-L-VIA-200 Model Number A22-S-VIA-200 A4.0-S-VIA-200 Model Number A22-L-VIA-200 A4.0-L-VIA-200 A4.0-L-VIA-200 Model Number
Short-term a CO ₂ CO ₂ Long-term a CO ₂ CO ₂ CO ₂ CO ₂ A CO ₂ /AA CO ₂ /AA Short-term a CO ₂	Paediatric application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm application - LLM Sampling Line *Sampling line with Luer Lock Male connection	10 pcs./box 10 pcs./box Packaging unit 25 pcs./box 25 pcs./box Packaging unit 25 pcs./box	4420819 4420820 Viamed Part Number 4420821 4420822 Viamed Part Number 4420823 4420824 4420827 4420828 Viamed Part Number 4420828	ONAO2-L-VIA-200 ONPO2-L-VIA-200 Model Number A22-S-VIA-200 A4.0-S-VIA-200 Model Number A22-L-VIA-200 A4.0-L-VIA-200 A4.0-L-VIA-200 A4.0-LA-VIA-200 Model Number LLM-S-VIA-200
Short-term of CO ₂ CO ₂ Long-term of CO ₂ CO ₂ CO ₂ CO ₂ /AA CO ₂ /AA Short-term of CO ₂ Long-term of CO ₂	Paediatric application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm application - LLM Sampling Line *Sampling line with Luer Lock Male connection application - LLM Sampling Line	10 pcs./box 10 pcs./box Packaging unit 25 pcs./box 25 pcs./box Packaging unit 25 pcs./box 25 pcs./box 25 pcs./box 25 pcs./box 25 pcs./box 25 pcs./box Packaging unit 25 pcs./box Packaging unit 25 pcs./box	4420819 4420820 Viamed Part Number 4420821 4420822 Viamed Part Number 4420823 4420824 4420827 4420828 Viamed Part Number 4420825 Viamed Part Number	ONAO2-L-VIA-200 ONPO2-L-VIA-200 Model Number A22-S-VIA-200 A4.0-S-VIA-200 Model Number A22-L-VIA-200 A4.0-L-VIA-200 A4.0-L-VIA-200 A4.0-LA-VIA-200 Model Number LLM-S-VIA-200 Model Number
Short-term of CO ₂ CO ₂ Long-term of CO ₂ CO ₂ CO ₂ CO ₂ /AA CO ₂ /AA Short-term of CO ₂ CO ₂ CO ₂	Paediatric application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm application – Airway Adapter Sampling Line Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm Adult/Paediatric Infant/Neonatal ID ≤ 4.0 mm application - LLM Sampling Line *Sampling line with Luer Lock Male connection application - LLM Sampling Line *Sampling line with Luer Lock Male connection	10 pcs./box 10 pcs./box Packaging unit 25 pcs./box Packaging unit 25 pcs./box Packaging unit 25 pcs./box 25 pcs./box 25 pcs./box 25 pcs./box Packaging unit 25 pcs./box Packaging unit 25 pcs./box Packaging unit 25 pcs./box	4420819 4420820 Viamed Part Number 4420821 4420822 Viamed Part Number 4420823 4420824 4420827 4420828 Viamed Part Number 4420825 Viamed Part Number 4420825	ONAO2-L-VIA-200 ONPO2-L-VIA-200 Model Number A22-S-VIA-200 A4.0-S-VIA-200 Model Number A22-L-VIA-200 A4.0-L-VIA-200 A22-LA-VIA-200 A4.0-LA-VIA-200 Model Number LLM-S-VIA-200 Model Number

Short term ≤ 24 hrs Long term ≤ 72 hrs Sampling flow rate ≤ 75ml/min









 $\mathbf{CO_2} = \mathbf{CO_2}$ monitoring only $\mathbf{O_2/CO_2} = \mathbf{O_2}$ delivery and $\mathbf{CO_2}$ monitoring **AA** = Suitable for use with anaesthetic agents

Specifications subject to change







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