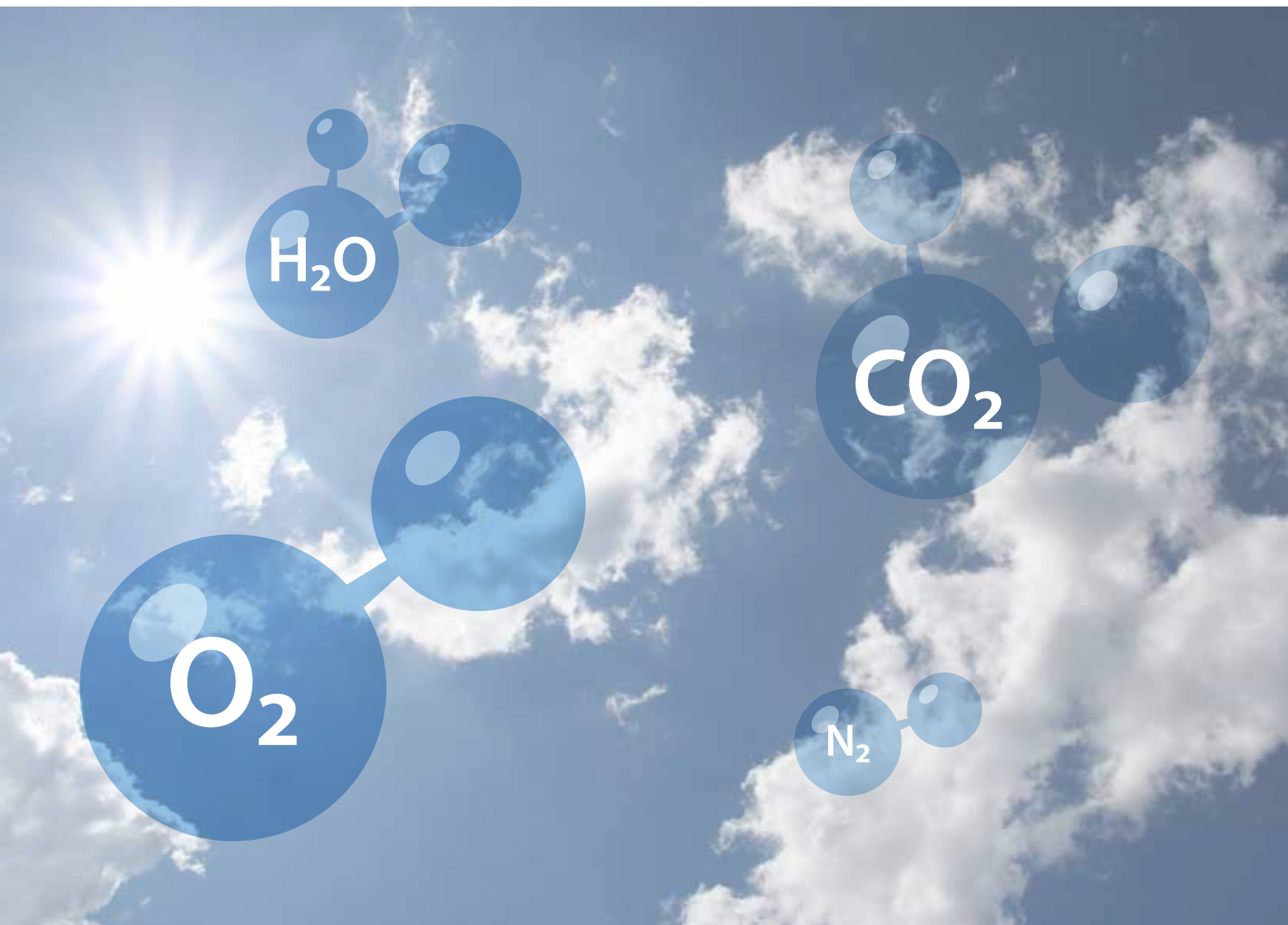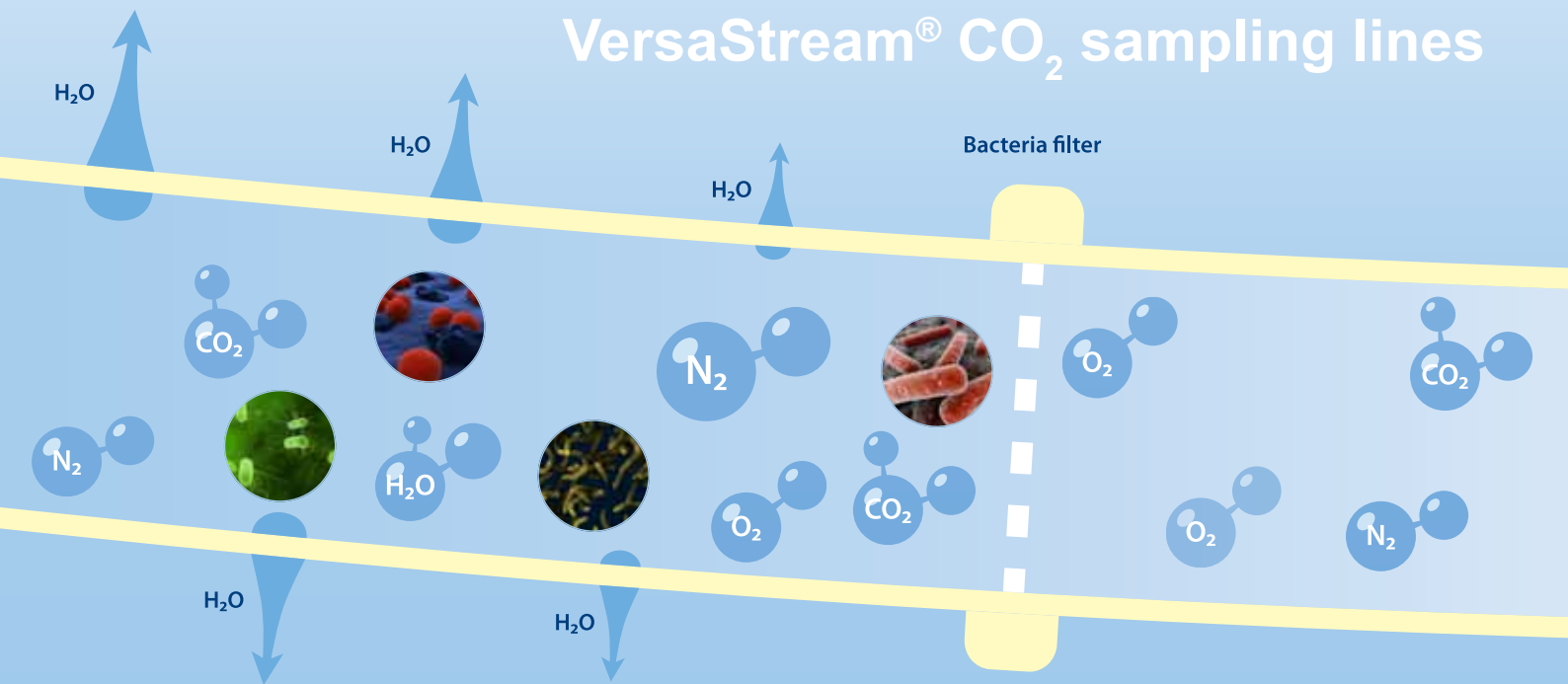# VersaStream®

VM-2500 Series CO_2 Sampling Lines

Innovative Solutions for Sidestream CO_2 Monitoring
for use with Viamed VM-2500 series Capnographs

H_2O

CO_2

O_2

N_2

VM-2500-S

3.2

M VIAMED

VersaStream® CO_2 sampling lines

H_2O

H_2O

H_2O

Bacteria filter

CO_2

N_2

O_2

CO_2

N_2

H_2O

O_2

CO_2

O_2

N_2

H_2O

H_2O

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

Why VersaStream® CO_2 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® CO_2 sampling lines are very flexible and are suitable for short-term and long-term applications.

Available CO_2 sampling lines

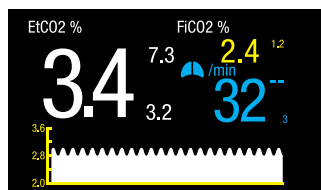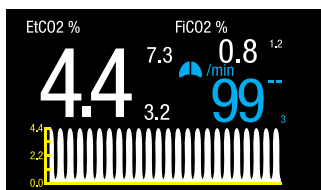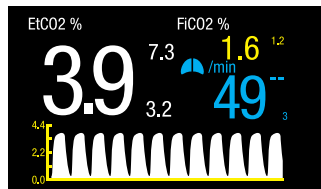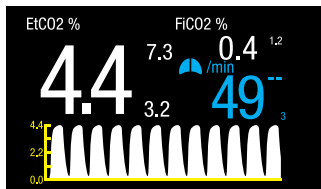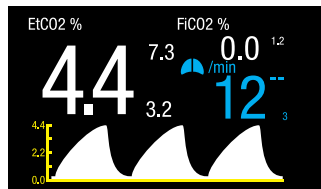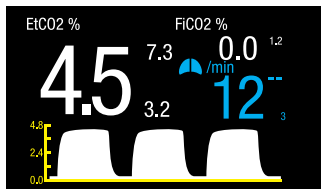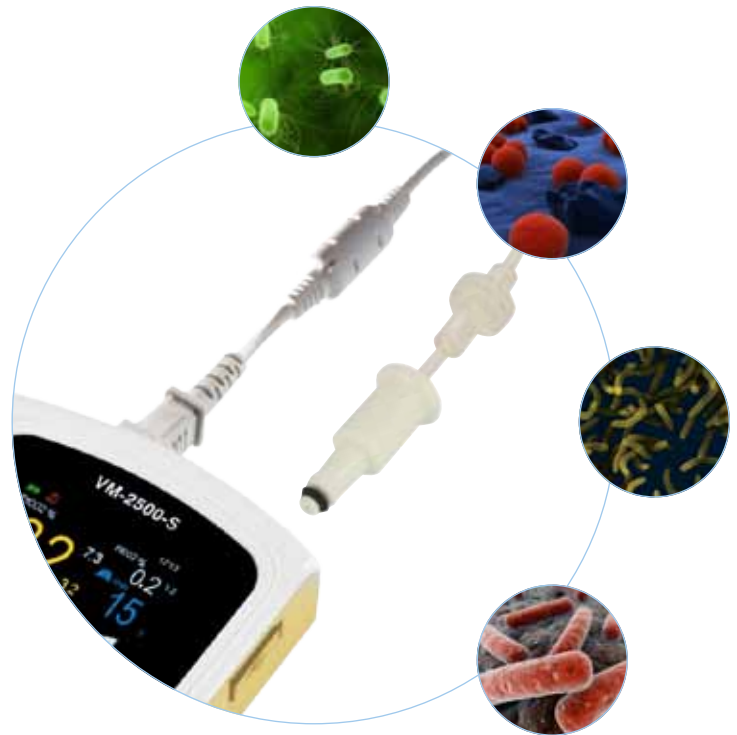Nasal Sampling Line

Nasal Cannula

Nasal/Oral Cannula

Airway Adapter Sampling Line

Luer Lock Male

Reduction of contamination risks

The integrated bacteria filter of the VersaStream® CO_2 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.

EtCO2 % 4.5 7.3 3.2 FiCO2 % 0.0 /min 12	EtCO2 % 4.4 7.3 3.2 FiCO2 % 0.0 /min 12
EtCO2 % 4.4 7.3 3.2 FiCO2 % 0.4 /min 49	EtCO2 % 3.9 7.3 3.2 FiCO2 % 1.6 /min 49
EtCO2 % 4.4 7.3 3.2 FiCO2 % 0.8 /min 99	EtCO2 % 3.4 7.3 3.2 FiCO2 % 2.4 /min 32

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® CO_2 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

Short-term 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
CO_2	Adult	25 pcs./box	4420801	NA-S-VIA-200
	Paediatric	25 pcs./box	4420802	NP-S-VIA-200
	Infant	25 pcs./box	4420803	NI-S-VIA-200
O_2/CO_2	Adult	10 pcs./box	4420804	NAO2-S-VIA-200
	Paediatric	10 pcs./box	4420805	NPO2-S-VIA-200
	Infant	10 pcs./box	4420806	NIO2-S-VIA-200

Long-term application – Nasal Cannula		Packaging unit	Viamed Part Number	Model Number
CO_2	Adult	25 pcs./box	4420807	NA-L-VIA-200
	Paediatric	25 pcs./box	4420808	NP-L-VIA-200
	Infant	25 pcs./box	4420809	NI-L-VIA-200
O_2/CO_2	Adult	10 pcs./box	4420810	NAO2-L-VIA-200
	Paediatric	10 pcs./box	4420811	NPO2-L-VIA-200
	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	ONA-S-VIA-200
	Paediatric	25 pcs./box	4420814	ONP-S-VIA-200
O_2/CO_2	Adult	10 pcs./box	4420815	ONAO2-S-VIA-200
	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	ONA-L-VIA-200
	Paediatric	25 pcs./box	4420818	ONP-L-VIA-200
O_2/CO_2	Adult	10 pcs./box	4420819	ONAO2-L-VIA-200
	Paediatric	10 pcs./box	4420820	ONPO2-L-VIA-200

Short-term application – Airway Adapter Sampling Line		Packaging unit	Viamed Part Number	Model Number
CO_2	Adult/Paediatric	25 pcs./box	4420821	A22-S-VIA-200
CO_2	Infant/Neonatal ID ≤ 4.0 mm	25 pcs./box	4420822	A4.0-S-VIA-200

Long-term application – Airway Adapter Sampling Line		Packaging unit	Viamed Part Number	Model Number
CO_2	Adult/Paediatric	25 pcs./box	4420823	A22-L-VIA-200
CO_2	Infant/Neonatal ID ≤ 4.0 mm	25 pcs./box	4420824	A4.0-L-VIA-200
CO_2/AA	Adult/Paediatric	25 pcs./box	4420827	A22-LA-VIA-200
CO_2/AA	Infant/Neonatal ID ≤ 4.0 mm	25 pcs./box	4420828	A4.0-LA-VIA-200

Short-term application - LLM Sampling Line		Packaging unit	Viamed Part Number	Model Number
CO_2	*Sampling line with Luer Lock Male connection	25 pcs./box	4420825	LLM-S-VIA-200

Long-term application - LLM Sampling Line		Packaging unit	Viamed Part Number	Model Number
CO_2	*Sampling line with Luer Lock Male connection	25 pcs./box	4420826	LLM-L-VIA-200
CO_2/AA	*Sampling line with Luer Lock Male connection	25 pcs./box	4420829	LLM-LA-VIA-200

Airway adapter with Luer Lock Female connection		Packaging unit	Viamed Part Number	Model Number
	Adult/Paediatric, for use with lines marked * above	25 pcs./box	4420831	A22-LLF

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

CE 0086 ② LATEX PHT

CO_2 = CO_2 monitoring only
O_2/CO_2 = O_2 delivery and CO_2 monitoring
AA = Suitable for use with anaesthetic agents

Specifications subject to change

Distributed by:

VIAMED

Viamed Limited · 15 Station Road · Cross Hills
Keighley · West Yorkshire · BD20 7DT · United Kingdom
Tel: +44 (0)1535 634 542   Fax: +44 (0)1535 635 582
Email: info@viamed.co.uk Website: www.viamed.co.uk