capnography

VersaStream®
Respironics CO$_2$ Sampling Lines

Innovative Solutions for Sidestream Monitoring

H_2O

N_2

O_2

CO_2

O_2

N_2

H_2O

VIAMED

VersaStream® CO_2 sampling lines

H₂O   H₂O   H₂O   Bacteria filter

CO₂   N₂   H₂O   O₂   O₂   CO₂

N₂   H₂O   O₂   CO₂   CO₂   N₂

H₂O   H₂O
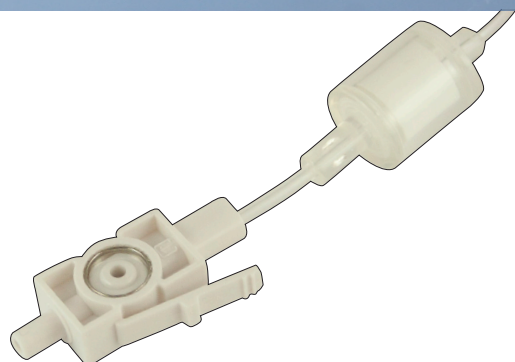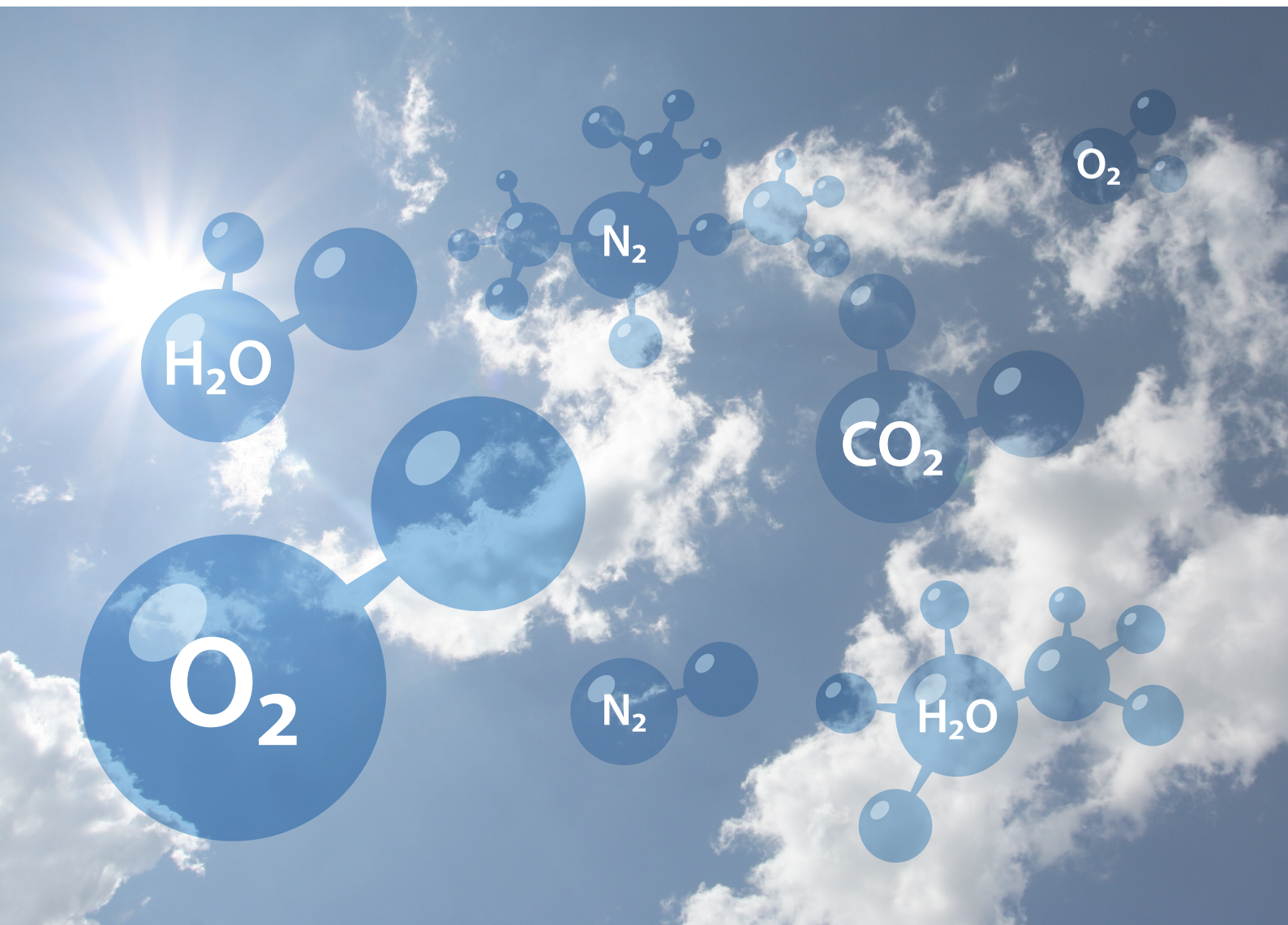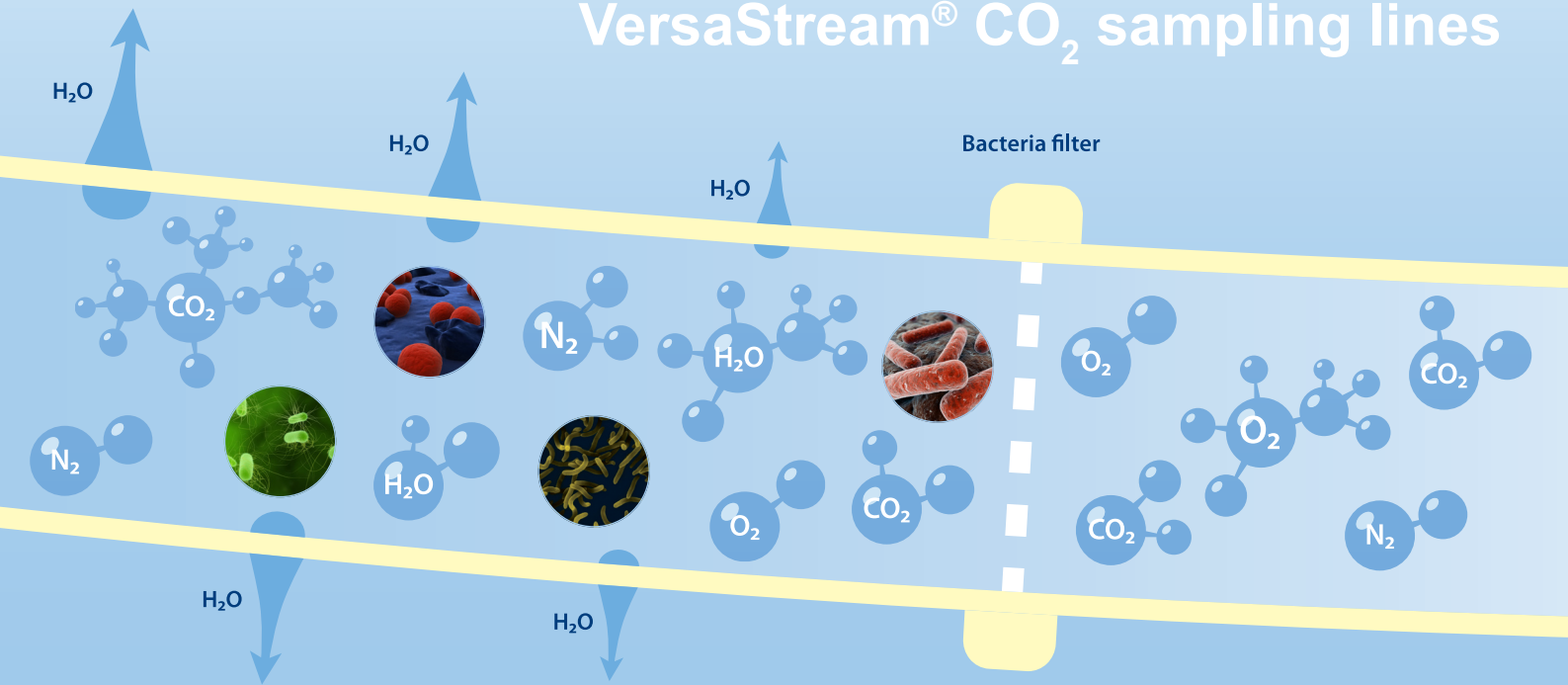
The VersaStream® CO_2 sampling lines combine reliability, flexibility and cost efficiencies

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 LoFlo™ sidestream modules
- 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.
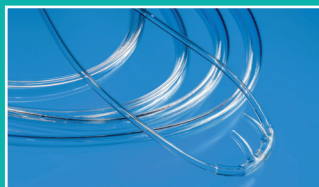
No need to use expensive Nafion® tubes, which are not resistant to bending.

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

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 or at the water separation unit is prevented.
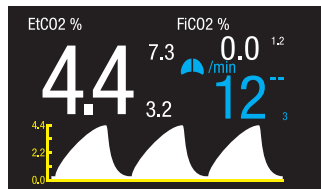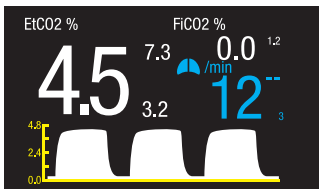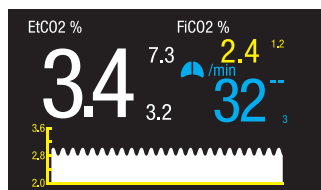

Reliable measured values - even in cases of high breathing or ventilation frequency

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.
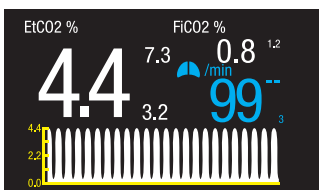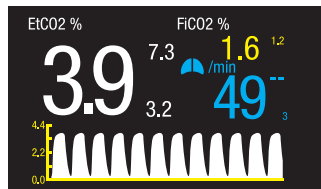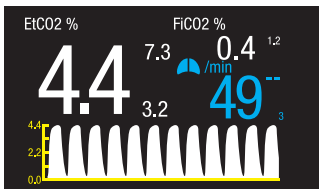
VersaStream®

LDS filter – Low-dead-space bacteria filter

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	40 pcs./box	4420950	P-S-RES-200

Short-term application – Nasal Cannula		Packaging unit	Viamed Part Number	Model Number
CO_2	Adult	25 pcs./box	4420951	NA-S-RES-200
	Paediatric	25 pcs./box	4420952	NP-S-RES-200
	Infant	25 pcs./box	4420953	NI-S-RES-200
O_2/CO_2	Adult	10 pcs./box	4420954	NAO2-S-RES-200
	Paediatric	10 pcs./box	4420955	NPO2-S-RES-200
	Infant	10 pcs./box	4420956	NIO2-S-RES-200

Long-term application – Nasal Cannula		Packaging unit	Viamed Part Number	Model Number
CO_2	Adult	25 pcs./box	4420957	NA-L-RES-200
	Paediatric	25 pcs./box	4420958	NP-L-RES-200
	Infant	25 pcs./box	4420959	NI-L-RES-200
O_2/CO_2	Adult	10 pcs./box	4420960	NAO2-L-RES-200
	Paediatric	10 pcs./box	4420961	NPO2-L-RES-200
	Infant	10 pcs./box	4420962	NIO2-L-RES-200

Short-term application – Nasal/Oral Cannula		Packaging unit	Viamed Part Number	Model Number
CO_2	Adult	25 pcs./box	4420963	ONA-S-RES-200
	Paediatric	25 pcs./box	4420964	ONP-S-RES-200
O_2/CO_2	Adult	10 pcs./box	4420965	ONAO2-S-RES-200
	Paediatric	10 pcs./box	4420966	ONPO2-S-RES-200

Long-term application – Nasal/Oral Cannula		Packaging unit	Viamed Part Number	Model Number
CO_2	Adult	25 pcs./box	4420967	ONA-L-RES-200
	Paediatric	25 pcs./box	4420968	ONP-L-RES-200
O_2/CO_2	Adult	10 pcs./box	4420969	ONAO2-L-RES-200
	Paediatric	10 pcs./box	4420970	ONPO2-L-RES-200

Short-term application – Airway Adapter Sampling Line	Packaging unit	Viamed Part Number	Model Number
Adult/Paediatric	25 pcs./box	4420971	A22-S-RES-200
Infant/Neonatal ID ≤ 4.0 mm	25 pcs./box	4420972	A4.0-S-RES-200

Long-term application – Airway Adapter Sampling Line	Packaging unit	Viamed Part Number	Model Number
Adult/Paediatric	25 pcs./box	4420973	A22-L-RES-200
Infant/Neonatal ID ≤ 4.0 mm	25 pcs./box	4420974	A4.0-L-RES-200

Short term ≤ 24 hrs
Long term ≤ 72 hrs
Sampling flow rate ≤ 230ml/min

O_2/CO_2 = O_2 delivery and CO_2 monitoring
CO_2 = CO_2 monitoring only

CE 0086

Specifications subject to change

LATEX

PHT

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