

VersaStream® gas sampling lines

Short-term application – Nasal Prong		Packaging unit	Type	Order number
CO ₂	Adult	25 pcs./box	P-S-LLM-200	7090121026
Short-term application – Nasal		Packaging unit	Type	Order number
O ₂ /CO ₂	Adult	10 pcs./box	NAO2-S-LLM-200	7090121030
	Paediatric	10 pcs./box	NPO2-S-LLM-200	7090121031
	Infant	10 pcs./box	NIO2-S-LLM-200	7090121032
CO ₂	Adult	25 pcs./box	NA-S-LLM-200	7090121027
	Paediatric	25 pcs./box	NP-S-LLM-200	7090121028
	Infant	25 pcs./box	NI-S-LLM-200	7090121029
Long-term application – Nasal		Packaging unit	Type	Order number
O ₂ /CO ₂	Adult	10 pcs./box	NAO2-L-LLM-200	7090121036
	Paediatric	10 pcs./box	NPO2-L-LLM-200	7090121037
	Infant	10 pcs./box	NIO2-L-LLM-200	7090121038
CO ₂	Adult	25 pcs./box	NA-L-LLM-200	7090121033
	Paediatric	25 pcs./box	NP-L-LLM-200	7090121034
	Infant	25 pcs./box	NI-L-LLM-200	7090121035
Short-term application – Oral/Nasal		Packaging unit	Type	Order number
O ₂ /CO ₂	Adult	10 pcs./box	ONAO2-S-LLM-200	7090121041
	Paediatric	10 pcs./box	ONPO2-S-LLM-200	7090121042
CO ₂	Adult	25 pcs./box	ONA-S-LLM-200	7090121039
	Paediatric	25 pcs./box	ONP-S-LLM-200	7090121040
Long-term application – Oral/Nasal		Packaging unit	Type	Order number
O ₂ /CO ₂	Adult	10 pcs./box	ONAO2-L-LLM-200	7090121045
	Paediatric	10 pcs./box	ONPO2-L-LLM-200	7090121046
CO ₂	Adult	25 pcs./box	ONA-L-LLM-200	7090121043
	Paediatric	25 pcs./box	ONP-L-LLM-200	7090121044
Short-term application – Airway adapter		Packaging unit	Type	Order number
Adult/Paediatric		25 pcs./box	A22-S-LLM-200	7090121047
Infant ID 4.0 mm		25 pcs./box	A4.0-S-LLM-200	7090121048
Long-term application – Airway adapter		Packaging unit	Type	Order number
Adult/Paediatric		25 pcs./box	A22-L-LLM-200	7090121049
Infant ID 4.0 mm		25 pcs./box	A4.0-L-LLM-200	7090121050
Short-term application – Luer connector		Packaging unit	Type	Order number
Adult/Paediatric		25 pcs./box	LLM-S-LLM-200	7090121051
Airway adapter with Luer connector		Packaging unit	Type	Order number
Adult/Paediatric – LLF		25 pcs./box	A22-LLF	3090121002

Short term ≤ 24 hrs, Long term ≤ 72 hrs

O₂/CO₂ = O₂ delivery and CO₂ monitoring, CO₂ = CO₂ monitoring only

LLM – Luer Lock Male for general monitoring applications that have a female Luer Lock connection port

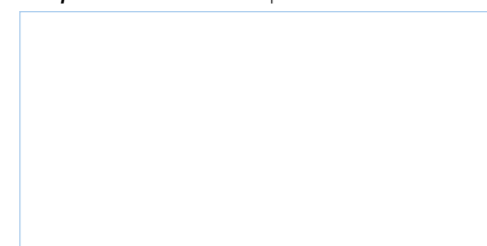
LLF – Luer Lock Female for gas sampling lines with LLM connector

VersaStream® is a registered trademark of bluepoint medical GmbH & Co. KG

Nafion® is a registered trademark of E.I. du Pont de Nemours and Company

Specifications subject to change
*(Q4/2013)

bluepoint® MEDICAL sales partner



For further accessories and information, please visit www.bluepoint-medical.com

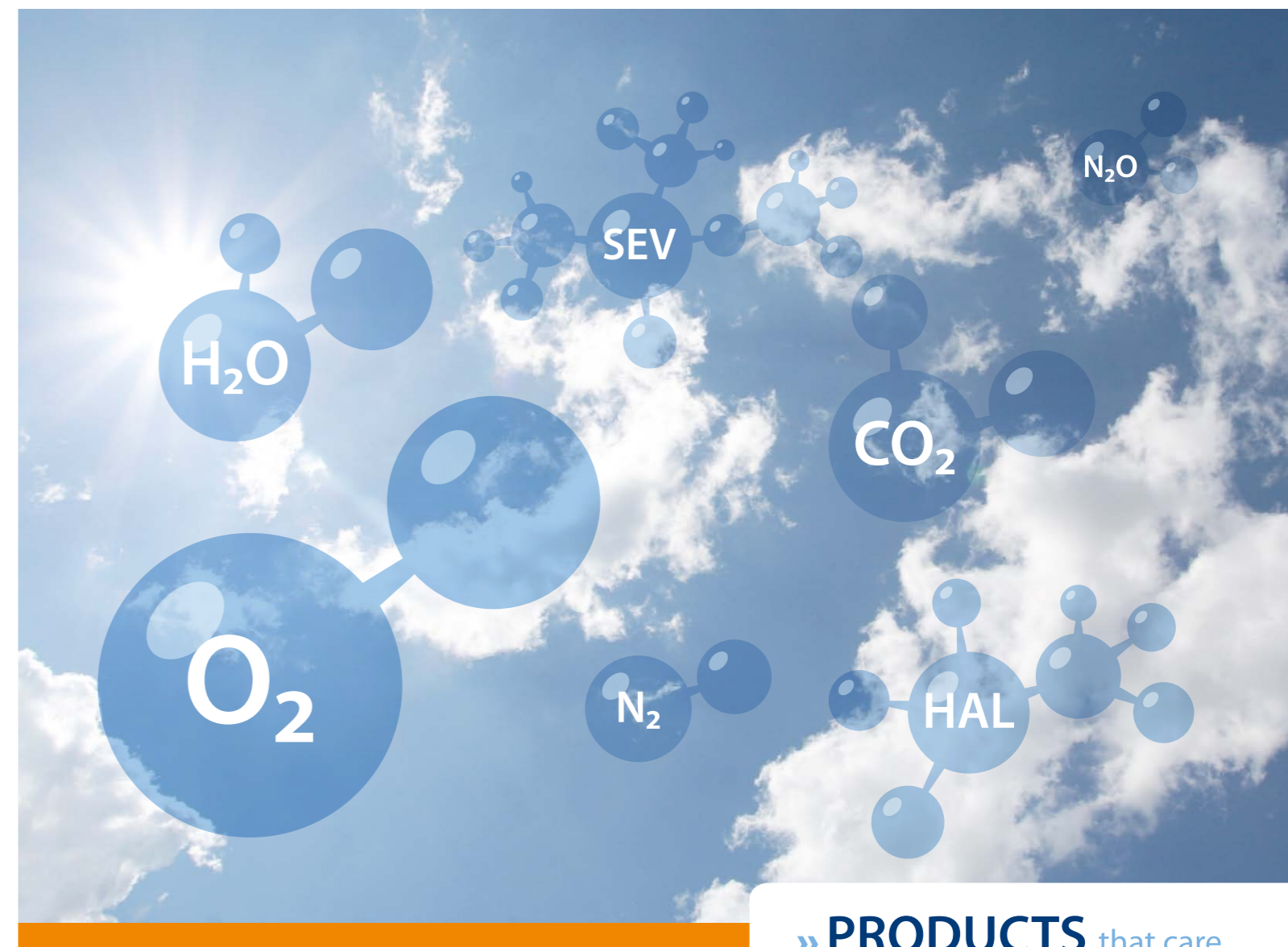
bluepoint MEDICAL

08/2013 Rev. 001

bluepoint MEDICAL

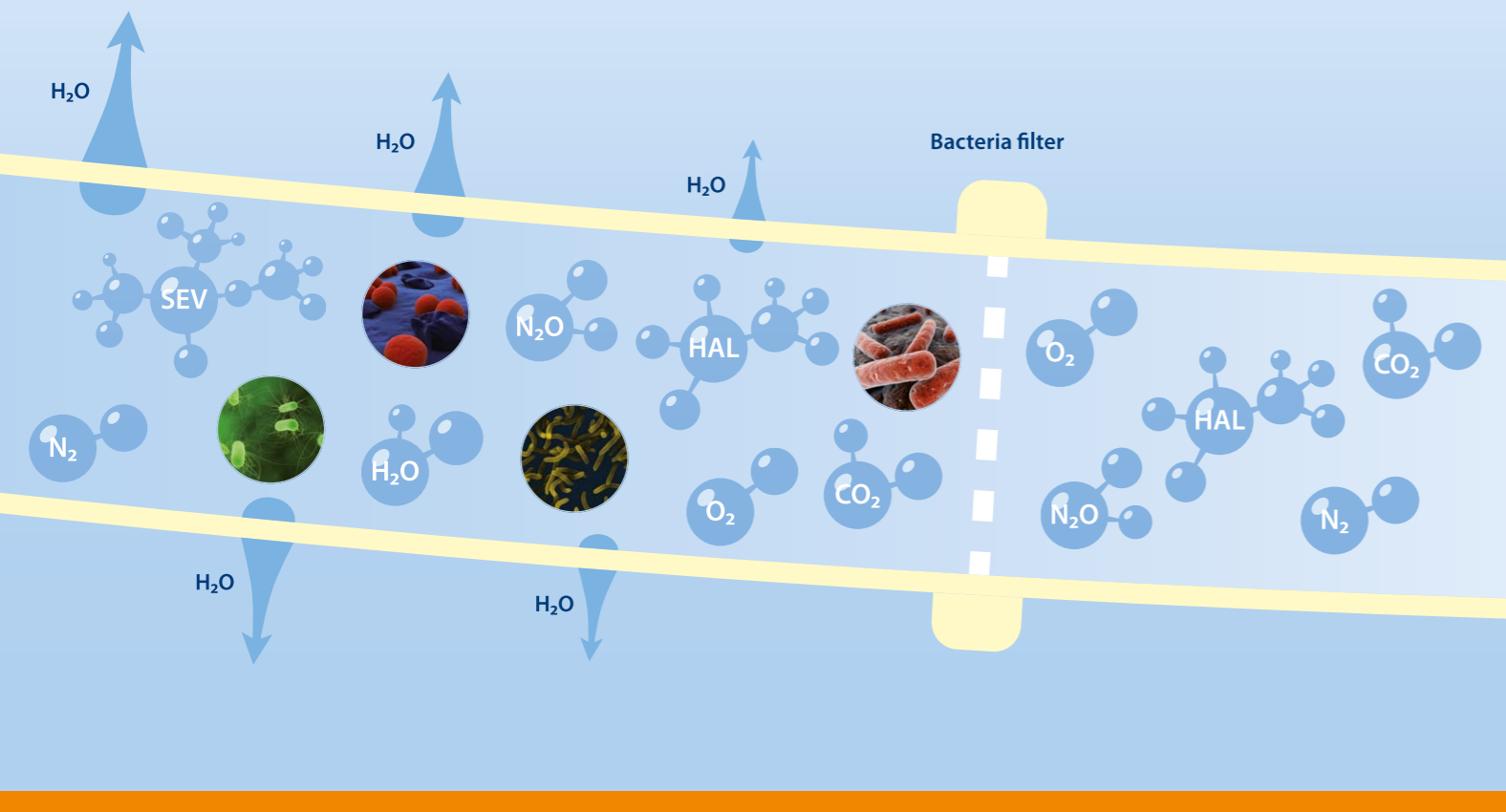
VersaStream® Gas Sampling Lines

Innovative Solutions for Sidestream Gas Monitoring



» PRODUCTS that care for you «

Made in Germany



VersaStream® gas sampling lines by bluepoint®

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

Why VersaStream® gas 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 bacteria filter prevents contamination
- Regular water trap exchange (if present) is not required
- Reliable measured gas values, due to negligible dead space volume of the filter – even in cases of high respiration rates
- For use with many common types of gas exchange monitors, either low-flow or high-flow
- Integrated bacteria filter and water removal reduces the number of patient circuit parts and speeds up patient monitoring preparation

Innovative material technologies

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

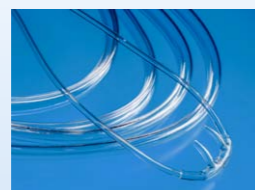
No need to use expensive Nafion® tubes, which are not resistant to bending.

VersaStream® gas sampling lines are very flexible and are suitable for long-term applications over several days.

Available gas sampling lines



Nasal Prong



Nasal



Oral/Nasal



Airway adapter



Airway adapter with Luer connector Female

Reduction of contamination risks

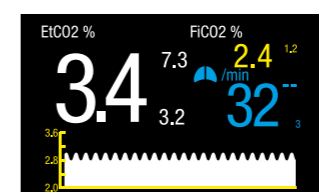
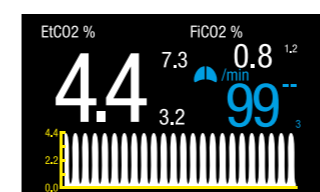
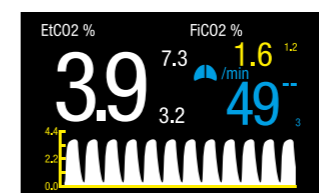
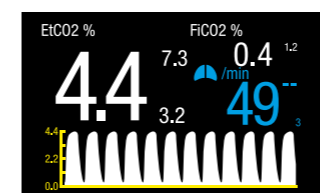
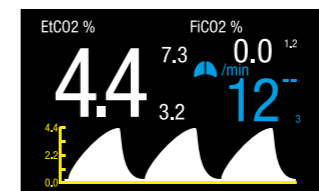
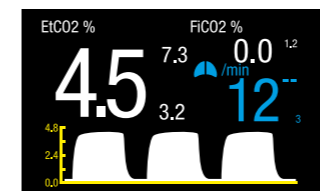
The integrated bacteria filter of the VersaStream® gas sampling lines prevent contamination of gas-conducting components in and at the patient monitor. Transmission of germs, e.g. by contamination at the sample gas connection port of the monitor or at the water separation unit is prevented.

Water traps or water absorbers that are used in many gas monitoring applications in anaesthesia or intensive care – require either no replacement; or reduced need for replacement and emptying when using VersaStream® gas sampling lines.

Alarms triggered at the gas monitor by full water traps are significantly reduced. The associated patient monitoring labour and consumables costs are reduced considerably.

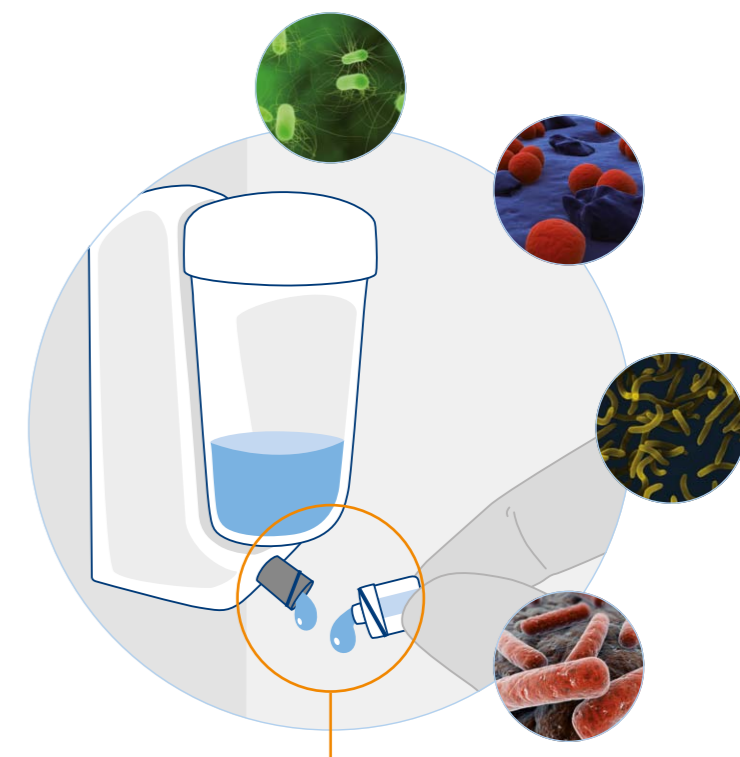
Reliable measured values – even in cases of high breathing or ventilation frequency

The dead space volume of the filter unit has been reduced to only a few micro litres, thus facilitating precise measurement of CO₂ concentrations in the respiratory gas – even at high respiration rates.

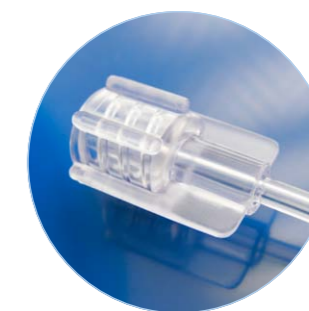


VersaStream®

LDS filter – Low-dead-space bacteria filter



Contamination risk where standard lines are used with systems that employ water traps. VersaStream® lines resolve this potential infection control issue.



Diverse areas of application

VersaStream® gas 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