

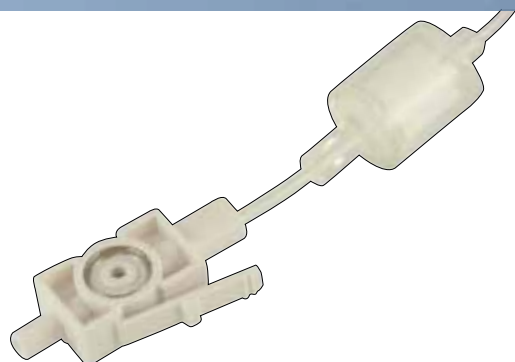
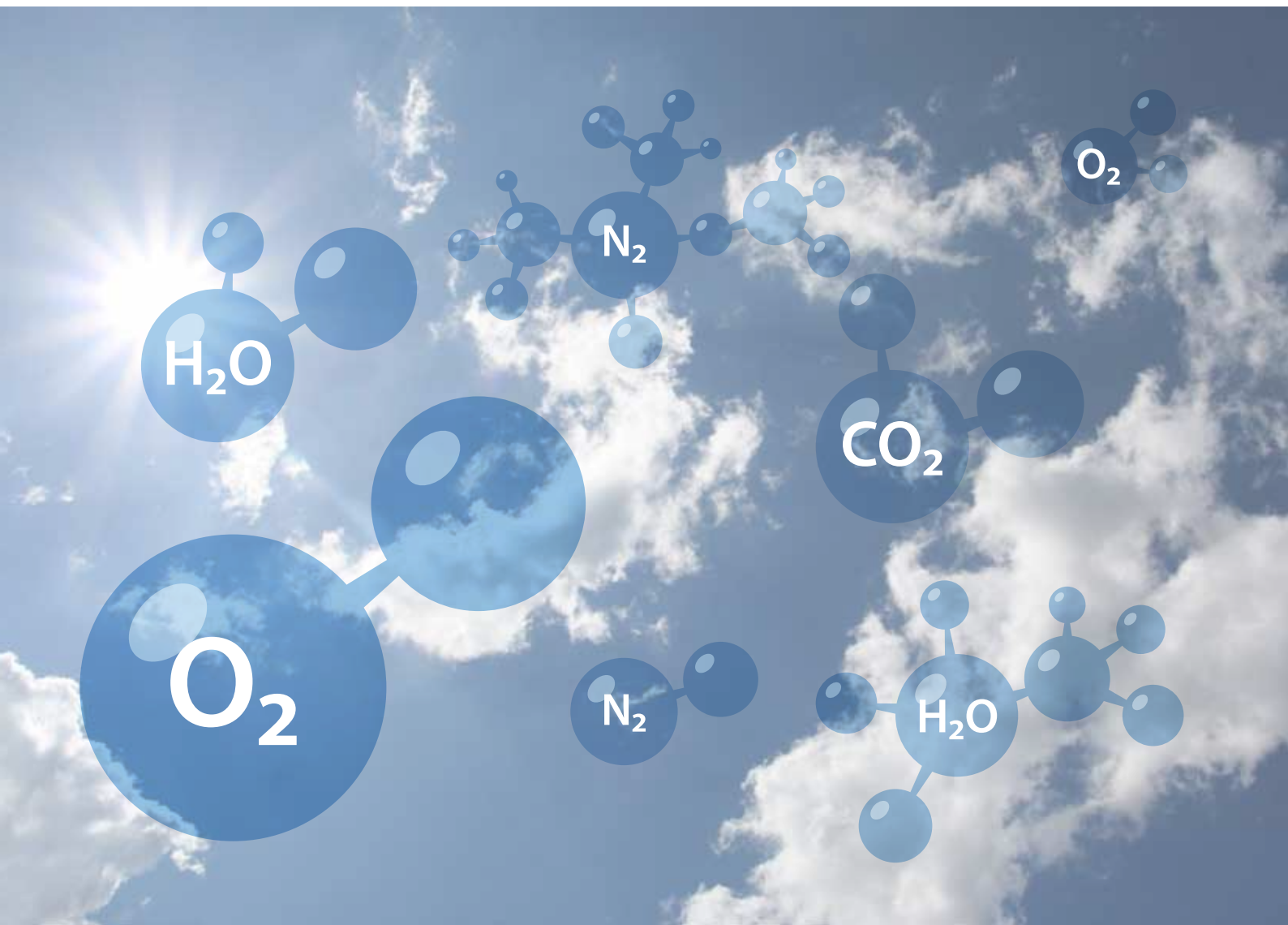
capnography



VersaStream<sup>®</sup>

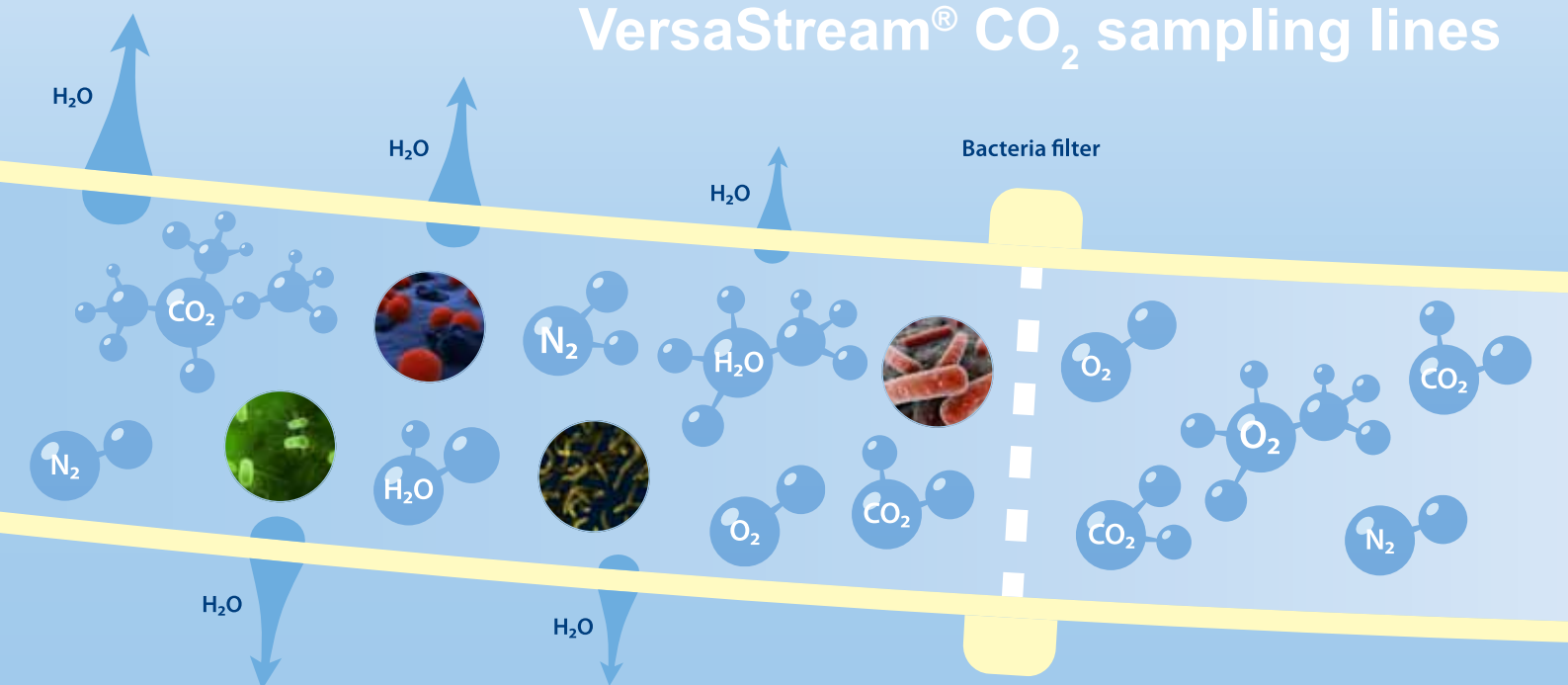
# Respironics/Philips Compatible CO<sub>2</sub> Sampling Lines

Innovative Solutions for Sidestream Monitoring



 **VIA MED**

# VersaStream® CO<sub>2</sub> sampling lines



The VersaStream® CO<sub>2</sub> sampling lines combine reliability, flexibility and cost efficiencies

## Why VersaStream® CO<sub>2</sub> 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<sub>2</sub> sampling lines are very flexible and are suitable for short-term and long-term applications.

## Available CO<sub>2</sub> sampling lines



Nasal Sampling Line



Nasal Cannula



Nasal/Oral Cannula

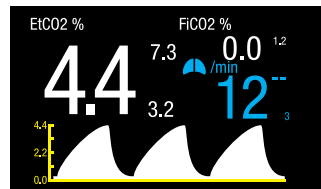
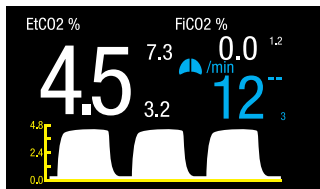


Airway Adapter Sampling Line



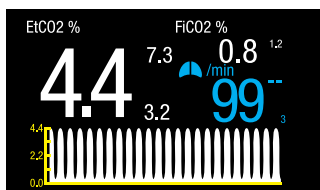
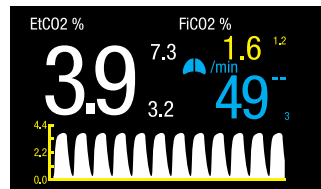
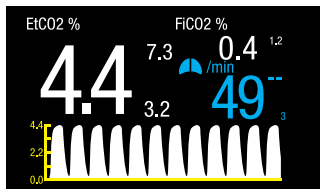
## Reduction of contamination risks

The integrated bacteria filter of the VersaStream® CO<sub>2</sub> 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.

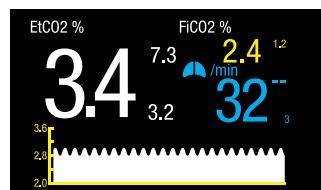


## Reliable measured values - even in cases of high breathing or ventilation frequency

The dead space volume of the filter unit has been reduced to only a few micro litres, thus facilitating precise measurement of CO<sub>2</sub> concentrations in the breathing gas - even at high respiration rates.



VersaStream®



LDS filter – Low-dead-space bacteria filter



## Diverse areas of application

VersaStream® CO<sub>2</sub> 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 <sub>2</sub>                                                 | Adult      | 40 pcs./box    | 4420950            | P-S-RES-200     |
| Short-term application – Nasal Cannula                          |            | Packaging unit | Viamed Part Number | Model Number    |
| CO <sub>2</sub>                                                 | 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 <sub>2</sub> /CO <sub>2</sub>                                 | 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 <sub>2</sub>                                                 | 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 <sub>2</sub> /CO <sub>2</sub>                                 | 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 <sub>2</sub>                                                 | Adult      | 25 pcs./box    | 4420963            | ONA-S-RES-200   |
|                                                                 | Paediatric | 25 pcs./box    | 4420964            | ONP-S-RES-200   |
| O <sub>2</sub> /CO <sub>2</sub>                                 | 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 <sub>2</sub>                                                 | Adult      | 25 pcs./box    | 4420967            | ONA-L-RES-200   |
|                                                                 | Paediatric | 25 pcs./box    | 4420968            | ONP-L-RES-200   |
| O <sub>2</sub> /CO <sub>2</sub>                                 | 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 application – Sampling Line with Luer Lock Connector |            | Packaging unit | Viamed Part Number | Model Number    |
| Adult/Paediatric                                                |            | 25 pcs./box    | 4420975            | LLM-S-RES-200   |
| Long-term application – Sampling Line with Luer Lock Connector  |            | Packaging unit | Viamed Part Number | Model Number    |
| Adult/Paediatric                                                |            | 25 pcs./box    | 4420976            | LLM-L-RES-200   |

Short term ≤ 24 hrs

Long term ≤ 72 hrs

Sampling flow rate ≤ 230ml/min

O<sub>2</sub>/CO<sub>2</sub> = O<sub>2</sub> delivery and CO<sub>2</sub> monitoring  
CO<sub>2</sub> = CO<sub>2</sub> monitoring only

CE 0482

Specifications subject to change



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