

Gas Sampling Lines

There are 5 different brands/ranges of gas sampling lines we supply:

Standard Sampling Lines:

- **1. S Type:**
Standard Type, for use with capnographs, gas monitors and modules that use a standard luer lock connection and that incorporate a water trap or absorber. These are made from a multi layered tubing, due to this these can be used for oxygen delivery and are not adverse to anaesthetic gases.
- **2. H Type:**
Humidity Type, works the same as the S type but also removes any humidity in the lines.

VersaStream – show how to determine difference

- CO2 Sampling Lines
- CO2 Sampling Lines with O2 Delivery

Each used for different applications.

VersaStream is a one-piece sampling line incorporating a sampling cannula, integrated bacterial filter and a device connector. These lines use the latest materials which even at low temperatures and high humidity remove all moisture and water.

There are 2 applications variants:

- Short-term < 24 hours
- Long term < 72 hours

There are 3 types of device connectors which can be purchased:

- **3. Viamed Versastream** – Viamed capnograph and compatible for use with Masimo, Phase-In, Spacelabs.
- **4. Oridion VersaStream** – Capnographs and Patient monitors with Oridion connector including (Covidien, Nellcor, Medtronics, Philips, Masimo, Mindray, Zoll, Nihon Kohden...)
- **5. General Standard Luer Lock**

Patient Type:

- Adult
- Adult/Paediatric
- Paediatric
- Infant

Difference between intubated and non-intubated patients:

Intubated: These are where a patient has an endotracheal tube into the mouth or nose, then down the trachea. The tube keeps the airway open so that air can get to the patient's lungs. This can be to aid breathing, allow for resuscitation or mechanical ventilation or delivery anaesthesia.

Non-intubated: This is where readings are taken from the expired breath of a patient via a cannula or BVM.

VersaStream 6 types available:

- Stand alone Airway Adapter
- Sampling Line with Airway Adapter
- Sampling Line with Luer Lock Connector
- Nasal Prong
- Nasal
- Oral/Nasal

Gases they work with?***Viamed/Oridion***

Removes H₂O = Water

Works with:

O₂ = Oxygen

N₂ = Nitrogen

CO₂ = *Carbon Dioxide*

LLM

Removes H₂O = Water

Works with:

O₂ = Oxygen

N₂ = Nitrogen

CO₂ = Carbon Dioxide

Also works with anaesthetic agents:

HAL = Halothane

SEV = Sevoflurane

N₂O = Nitrous Oxide

Benefits

- One-piece sampling solution, saving time from connecting different items together.
- Plug-in and go
- Compatible to market leaders
- Variety of sampling options
- Integrated bacterial filter and complete removal of water and moisture even in low temperatures and high humidity, reduces the risk of mis-readings and reduces number of patient circuit parts and speeds up patient monitoring preparation time..
- Very flexible
- Available in short and long term
- Cost effective alternative to Nafion tubing (which is not very flexible)
- Reliable measured values due to negligible dead space volume in the filter.

Pricing

Pricing can be found on Intrastats, under the “£” symbol. There are also downloadable PDFs against the “£” or in the “i” section.

Please be aware some products are in boxes of 10 and some in 25s. See stock Search column for information or search on “Display description” – “Price List”.

Certifications

Should you require to find information on what certifications a product has please see the stock screen, "i" icon and find the "Certificates" option. Click this and it will open the document index and all related certificates for that line.

OEM Sampling Lines

We have done OEM versions before for a company called Sedana. They are based on the H type and they have specific part numbers for their versions. Type in Sedana into the stock search field and it will bring up information on their versions.

Marketing Materials

Up to date copies of marketing materials such as leaflets, manuals and price lists (or in the £ screen) can be found on the stock pages under the "i" icon.

Cross Reference and Selection Guides

Cross reference can be found in Intrastats, dropdown menu, cross references, select group "sampling lines".

Website: www.viamed.co.uk. Gas sampling lines, VersaStream ****, button at top of screen or from the following links:

Sampling Lines Cross Reference: www.viamed.co.uk/linesxref

Sampling Lines Selection Guide: <https://www.viamed.co.uk/linesselection>