

# Volumat Agilia

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## Volumat Agilia



# What is Volumat Agilia ?

**Volumat Agilia is the volumetric pump of the Agilia range, our new family of intuitive infusion devices**



- Volumetric Pumps



- Syringe Pumps



- Disposable Products



- Accessories

# Similar user interface to Injectomat Agilia

Volumat Agilia



Injectomat Agilia



- Same display
  - Same keyboard
  - Very similar software
  - Same securing clamp
- easier learning
- fewer opportunities to make mistakes

# Designed for you!



## **A special focus on ergonomics on all aspects of the device:**

- light and compact
- set is easy to install
- intuitive setting
- obvious monitoring
- clear understanding of alarms
- easy cleaning and disinfecting

A study performed by an external consultant has confirmed the excellent feed-back of nurses (33 nurses individually interviewed with a full questionnaire in 8 different hospitals):

- 97% tubing set installation is excellent or good
- 94% setting is excellent or good
- 97% monitoring is excellent or good
- 100% understanding of alarms is excellent or good

# Easy installation of the administration set



The set connectors have the same colour and shape as their dedicated slot in the pump

# Intuitive setting



- the keyboard uses self-explanatory symbols
- one key = one function
- Large display
- automatic calculation of the Flow Rate based on Volume / Time



# Intuitive setting



- Automatic calculation of the Flow Rate based on Volume / Time  
no need to have a calculator!



# Remote monitoring



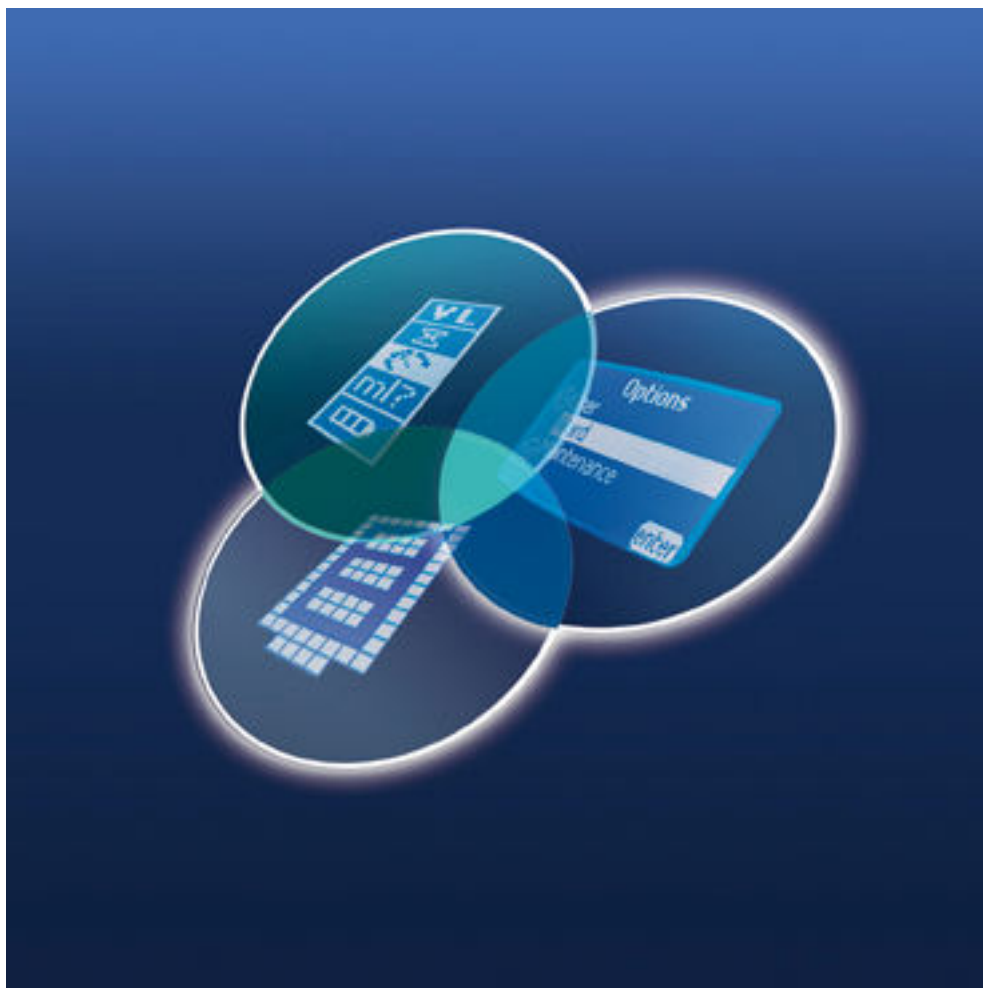
- Large display
- Flow rate in big characters
- Flow indicator lights
- Main information is visible at distance
- Alarm are clearly indicated by means of red lights, audible signals, clear message and pictograms

# Time saving



Less time to take care  
of the pump means  
more time for the  
patient !

# Customization at each level



Thanks to its variety of  
customisation options,  
Volumat meets all your  
clinical and wards' needs

# No compromise on safety



- As a major concern for Fresenius Kabi, safety has been addressed on every aspect of the device

# No compromise on safety

## Intelligent management of pressure



- The pump is equipped with **two pressure sensors** (upstream and downstream) to detect any occlusions in the line in order to protect the continuity of the infusion
- **The pressure level can be monitored**
- **The pressure limit can be adjusted**
- **The DPS function** (Dynamic Pressure System) anticipates the detection of an occlusion and detects possible leaks in the line

# No compromise on safety

## The anti-bolus function



- When an occlusion is detected, a short backward pumping sequence is automatically activated to reduce the pressure in the line. When the occlusion is released, the bolus is significantly reduced.

# No compromise on safety

The patient is fully protected against air infusion



- The pump is equipped with an ultrasonic **air bubble detector**



# No compromise on safety

The patient is fully protected against unintentional change of infusion



- All modifications in the infusion setting have to be confirmed by pressing OK

# No compromise on safety

## Alarms are clearly indicated



- In case of an alarm, visual and sound signals are emitted. A clear message is expressed by means of pictograms and words

➔ Quick understanding, right response

# No compromise on safety

## The patient is fully protected against free-flow



- Unique OCS test: the only auto-test that checks the correct working order of the pump in association with its tubing set, thus preventing any risk of free flow



- Safety clamp: the SafeClip of the Volumat Line automatically clamps the line to avoid any risk of free-flow when the door is opened

# No compromise on safety

The clinical staff is fully protected against needle-stick injuries



## Needle-free sets

- Fresenius Kabi offers a full range of Volumat Lines with **K-Nect** needle-free ports to allow intermittent injections and connections without needles

# No compromise on safety

## Vigilant, the IV Medication safety solution



Like for all Agilia devices, additional safety features can be provided by Vigilant:

- **Vigilant Drug'Lib**

Each drug is defined with a default dilution, a prescription unit and a range of authorised settings.

Reduces the risk of under or over-dosage.

- **Vigilant Supervision**

Alarms & IV-drug administration parameters are reported on a central display.

Shorter reaction time, remote control, anticipation of empty bag.

- **Vigilant Documentation**

Follow-up of the prescriptions evolutions and history, traceability, simplified interface to PDMS.

# Volumat Agilia Specifications

	Volumat Agilia
Flow rate range	1–1200 ml/h
Volume to infuse	1-9999 ml
Programming modes	R, V+T, V+R, T+R, V+T+R
Pressure management	Downstream + upstream pressure sensor variable mode (50-750mm) or 3 pre-set
OCS test	+
Air detector	Internal
Vigilant compatibility	+
Battery back-up	Li/ion ~8 hr @ 125l/h
Size (HWD)/ weight	145x130x135mm, ~2.0 kg
Battery life	8 hours @ 125 ml/h
Administration sets	Volumat Lines : all DEHP-free

# The Volumat Lines





# The Volumat Lines



## Why silicone sets ?

- Larger flow rate range
- Narrower rate accuracy:  
+/- 5% over the whole rate range  
even better in most clinical situations)
- Longer use
- Enables use of DEHP-free materials
- Better pressure monitoring

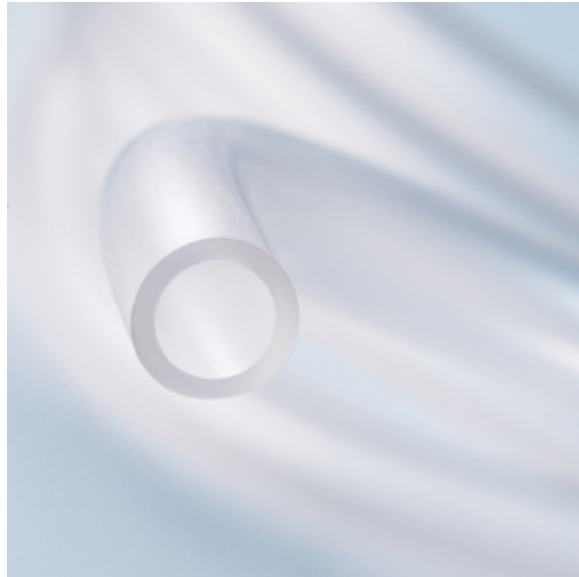
# The Volumat Lines



## SafeClip

- The SafeClip automatically clamps the line to avoid any risk of free-flow when the door is opened
- It facilitates the set installation by making it impossible to install the wrong way round
- It can be released easily in order to continue the infusion by gravity

# The Volumat Lines



## State-of-the-art materials

- All Volumat lines are free from DEHP (phthalates) and latex to limit the patient exposure to the components of the plastic materials



## Needle-free sets

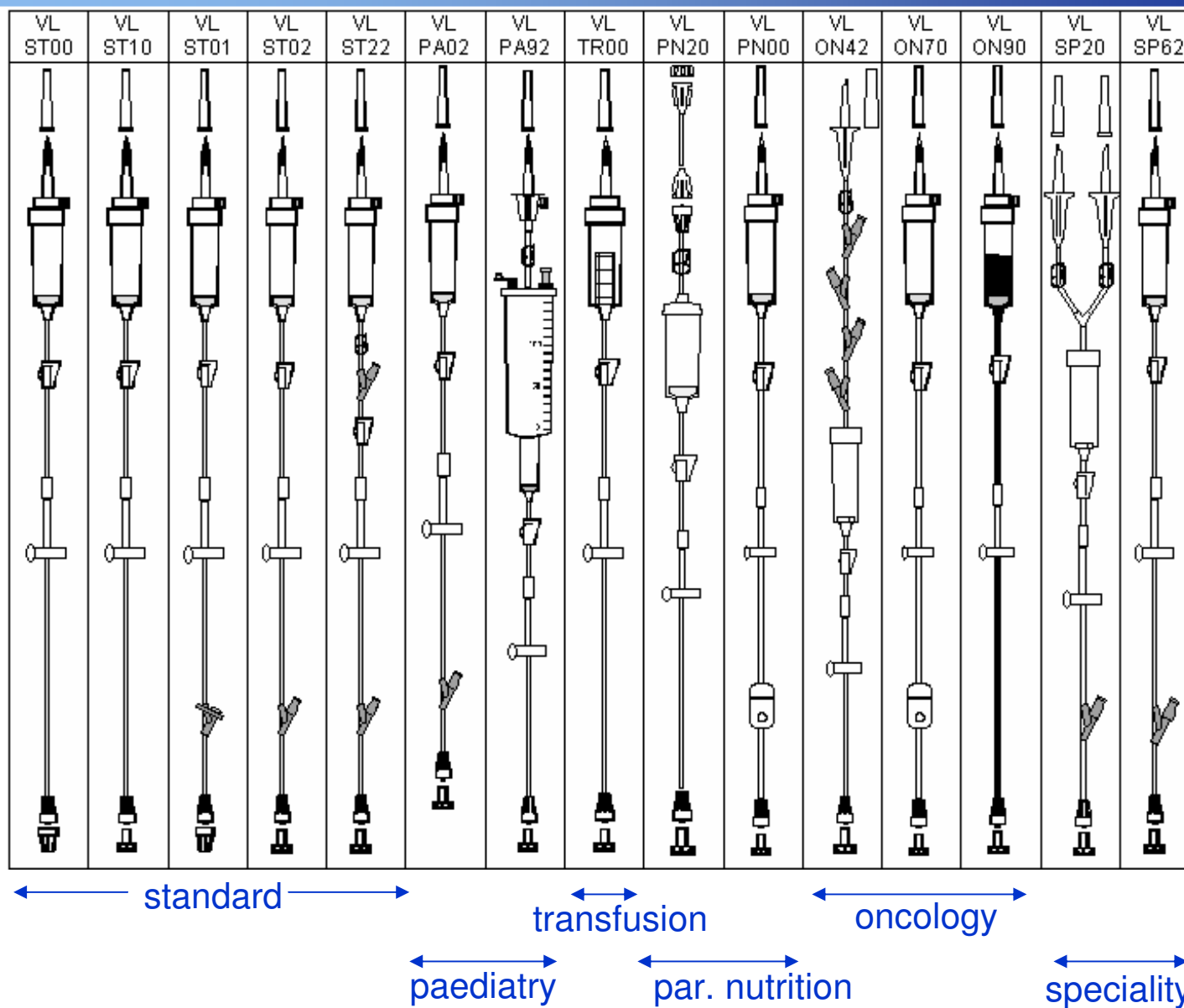
- In order to protect the clinical staff against needle-stick injuries, Fresenius Kabi offers a full range of sets with needle-free ports to allow intermittent injections and connections without needles

# The Volumat Lines

The Volumat Lines are available in different configurations to better match the local practice



# The Volumat Lines



# Volumat Agilia covers most wards' needs



- General wards
- Speciality wards



- Ambulatory



- Critical care



## Volumat Agilia