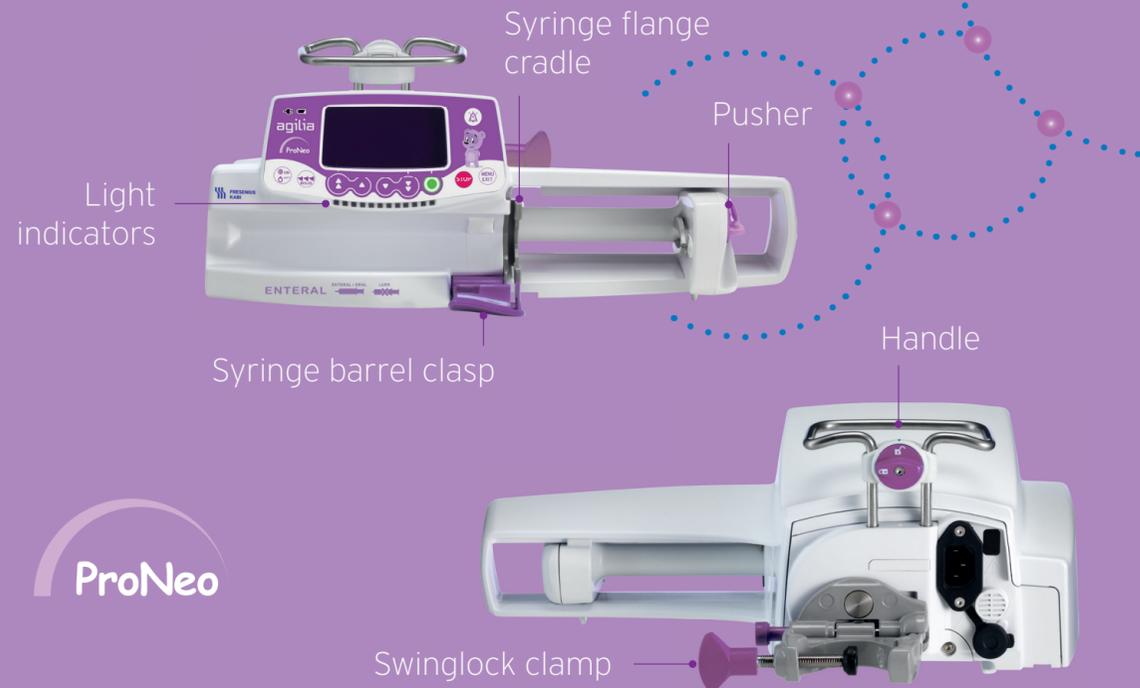


# Protected to grow



Safety      Accuracy      Convenience



## Agilia ProNeo

### Nutrition parameters

**Nutrition flow rate range**  
0.1 - 200 mL/h, depending on the syringe capacity.

**Flow rate accuracy**  
+/- 1% on mechanism ; +/- 2 % with syringes.

**Syringe capacities**  
5, 10, 20, 30/35, 50/60 mL.

**Types of syringe**  
Up to 20 types.

**Nutrition mode**

- Simple rate: Nutrition with a programmed rate
- Volume/Time: Nutrition of a programmed volume (0.1-999mL) over a programmed period of time (1min - 96h)
- Volume Limit: Nutrition with a limitation on the volume to be delivered (0.1-999mL)

**Volume delivered**  
0.1 - 999 mL.

**Priming**  
Rate: depending on the syringe capacity (250-1200 mL/h).

**Bolus**  
Bolus rate depending on the syringe capacity (50-500 mL/h).

**End administration (V/T & VL)**  
KTO (Keep Tube Open): adjustable from 0.1 to 5 mL/h, continuous nutrition or stop.

**Delayed start**  
Programmable from 1 minute to 24 hours, increments minute by minute.

**Data log event**  
1500 data log events in real time.

**Night mode**  
The night mode decreases the brightness of the screen and the green lights. The key beep can optionally be turned off. The night mode can be programmed manually or automatically in a variable time range.

### Pressure management

**Pressure modes**  
2 pressure controlling modes available: variable or 3 pre-set levels  
- Range from 50 to 900 mmHg. (25 mmHg increment from 50 to 250 mmHg / 50 mmHg increment from 250 to 900 mmHg).  
Can be enabled / disabled and adjusted.

**DPS**  
The Dynamic Pressure System - DPS - warns of pressure variations. A risk of obstruction or a possible leak in the nutrition line can thus be anticipated.

**Anti-bolus system**  
Reduces significantly bolus after occlusion release.  
≤ 0.35 mL max for a 60 mL syringe.

### Alarms / Pre-alarms / Security

**Pump status**  
Green light for nutrition in progress, orange light for low and medium priority alarms, red for high priority alarms.  
All alarms are expressed by means of light indicators, written words, pictograms and sound beeps.

**Syringes installation control**  
Syringe barrel clasp check, plunger head detection, anti-siphon system check, flange detection.

Agilia and ProNeo are registered trademarks by Fresenius Kabi in selected countries. Due to our policy of continuous product development as well as changes in standards, the features described are subject to change. Please contact us for the most updated information.

### Nutrition control

Occlusion pressure pre-alarm, occlusion pressure alarm, end of nutrition pre-alarm, end of nutrition alarm, volume limit pre-alarm, volume limit alarm, keypad manual locking or keypad autolock, hard and soft flow rate limits, start nutrition at pause end.

### Device control

Disengaged driving mechanism alarm, low battery pre-alarm, discharged battery alarm, battery capacity display in hours and minutes, unconfirmed programming, technical malfunction alarm (auto-test, rotation), drive system advance check, watchdog check, communication connection failure, plug-head disengagement, auto-lock/lock code (on Keypad).

### Maintenance

Preventive maintenance warning.

### Technical specifications

**Manual pusher**  
Protection for the ongoing nutrition thanks to "Push-Guard".

**Display**  
Blue graphic LCD monochrome, size 70 x 35 mm (256 x 128 pixels).

**Swinglock clamp**  
Versatile clamp that allows the fixation on a rail or on a pole (Pole: diameter 15 to 40 mm max. / Rail: 25 to 35 x 10 mm).

**Stackability**  
Up to 3 devices self-stackable on a pole.

**Dimensions (h/w/d) / weight**  
135 X 345 X 170 mm / ~ 2.1 kg.

**Battery**  
Characteristics: 7.2 V 2.2 Ah - Li-ion Smart battery, remaining battery life and battery charge level available on the display.

Battery Life (when fully charged): > 11 h at 5 mL/h.

**Battery recharge:**  
- Pump OFF: < 6 h  
- Pump ON: < 20 h

**Waterproofness**  
IP22

**Power supply**  
100 V - 240 V ~ / 50 / 60 Hz with functional earth

### Compliance

**Electromagnetic compatibility EMC**  
IEC 60601-1-2

**Safety & essential performance of pump**  
IEC 60601-2-24

**Medical Device Directive**  
CE 0123 marking in compliance with the Council Directive 93/42/EEC

**Electrical Compliance**  
Protection against leakage current: Defibrillation-proof type CF  
Protection against electric shocks: class II in accordance with IEC 60601-1

**Alarm system**  
IEC 60601-1-8

**Usability Engineering**  
IEC 60601-1-6 and IEC 62366

## Agilia ProNeo

### Enteral Nutrition Syringe Pump





# With Agilia ProNeo, little patients are protected to grow

## Safety

Agilia ProNeo prevents possible confusion between intravenous and enteral delivery

- Purple color and labelling for specific enteral use
- Automatic detection of syringe capacity
- Pushguard and keypad lock for a secured usage



## Accuracy

Agilia ProNeo ensures respect of prescribed nutrition in neonatal intensive care unit to achieve a better outcome for neonates.

- Different delivery modes to cover clinical practice needs: Flowrate only / Volume over Time/ Volume limit
- Flowrate accuracy\* +/- 3% for a precise milk delivery



\* +/- 1% on mechanism, +/- 2% with syringes

## Convenience

Agilia ProNeo has been designed to be convenient on what matters for newborn nutrition

- Night mode for baby well-being
- Customisable pressure management for milk delivery
- Easy navigation through the menu



# ProNeo Product Line

The ProNeo product line for pump offers high flexibility to the users and reliability for the patients.



## ProNeo Feeding Tubes

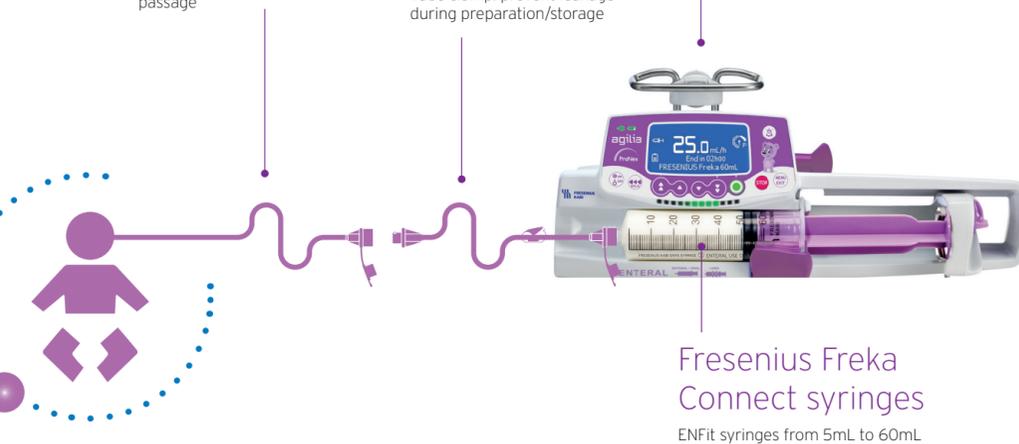
Polyurethane material - soft and transparent, smooth surface to ease the passage

## ProNeo Extension Sets

Polyurethane material - soft and transparent  
Tube clamp: prevent leakage during preparation/storage

## Agilia ProNeo Enteral Syringe Pump

Dedicated to enteral nutrition delivery in Neonatal and Paediatric Care Unit



## Agilia ProNeo

# Enteral Nutrition Pump for Neonates

Agilia ProNeo is a syringe pump dedicated to Enteral Nutrition delivery for neonates, prematures babies and pediatric patients.

The pump and its disposables are designed to improve safety in neonatal and pediatric care units.

