



# Amika+

Enteral Nutrition Pump

Intuitive design

Complete information on the screen

Choice of continuous or bolus feeding mode

Usable in hospital or at home

Serial communication protocol for interface with Electronic Medical Record (EMR)

Reset parameters setting

# Amika+

## Feeding

### Continuous mode:

Volume: 1 - 5000 mL (1 mL increments).  
Flow rate: 1 - 600 mL/h (1 mL/h increments).

### Bolus mode:

Bolus Volume: 1-5000 mL (1 mL increments).  
Flow rate: 1-600 mL/h (1 mL/h increments).  
Bolus Number: 1 - 24, unlimited.  
Intervals: 15 min - 24 h (15 min increments).

**Delivery Progress and Remaining Time displayed** (if Target Volume available)

**Flow rate accuracy:** +/- 7 % at 50 mL/h.

**Priming:** Automatic, semi-automatic and manual priming are available.

**Counter:** Cumulative feeding volume counter from 0.001 L to 99.999 L.

### Data event log:

Feeding history: 200 events.  
Alarm history: 150 events

**Night mode:** The night mode decreases the brightness of the screen and the power LED.

**Keypad lock:** Disabling keypad to prevent unintentional key press.

**Setting lock:** Possibility to prevent patient from changing settings, access code protected.

**Other settings:** Target volume activation/deactivation, Flushing information activation/deactivation, Sound level adjustment, key beep activation/deactivation, contrast & brightness settings, time between alarm sounds setting, time between target volume almost reached message and target volume, reached setting.

**Intended use:** For enteral feeding use only.

## Information / alarms

### Pump status:

Administration in progress: Droplet animation.  
Administration stopped: Stop symbol displayed.  
Administration on hold (during Bolus Interval Time): Droplet animation

### Information:

Start reminder, flushing information, technical information available via the menu.

**Alarms:** Target volume almost reached, battery almost discharged, target volume reached, door opened, wrong set installation, downstream occlusion, upstream occlusion, empty bag / air in line, empty battery, technical error: All alarms represented by light indicators, pictograms and sounds.

### Occlusion detection time:

At 50 mL/h: < 6 min.

### Empty bag / air in line detection time:

At 50 mL/h: < 5 min.

## Technical specifications

**Pumping mechanism:** Linear peristaltic pumping system.

### Communication via the Holder COM:

- Serial communication protocol for interface with Electronic Medical Record (EMR).
- Nurse call system.
- Connection with computer for maintenance activities.

**Display:** Monochrome LCD 40 x 59 mm (160 x 240 pixels).

**Clamp:** Versatile clamp to fix on a rail (10 - 35 mm) or a pole (Ø 8 - 40 mm).

### Dimensions (H/W/D) / Weight:

Pump: 138 x 128 x 48 mm / 610 g.  
Pump Holder COM: 200 x 110 x 90 mm / 600 g.

**Battery:** 4.8 V ; 2.2 Ah NiMH (Nickel-Metal Hydride), battery life 24 h +/- 5 % at 125 mL/h, battery level indication on the display.  
Battery charging time: 6 h.


### Compliance standard:

IEC 60 601-1, IEC 60 601-1-2 and IEC 60601-2-24  
CE 0123 marking in compliance with the EEC 93/42 European Medical Device Directive.

### Waterproofness:

Pump: IP35.  
Pump Holder: IP32.  
AC Adapter: IP41.

### Electrical compliance:

Protection against leakage current: Defibrillation-proof type CF .  
Protection against electric shocks: class II.

**Power supply:** 100 - 240 VAC / 50 - 60 Hz.

**Power consumption:** Maximum 7 W in standard operating conditions.

**Noise:** Around 25.8 dBA at 1 m (background noise 18.3 dBA).

**Housing material:** ABS.

## Amika administration set

**Free-flow protection:** All sets are designed with the Amika clamp preventing the risk of free-flow when the door is opened and when the set is disengaged.

**Set length:** Around 2.50 m, adjustable anti-free-flow Amika clamp positioning.

**Materials:** All Amika lines administration sets are DEHP-free & latex-free.

## Amika accessories

**Amika backpack:** For ambulatory use. Exists in large and small versions.

**Universal table stand:** An alternative pole to install Amika on a table.

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