



# Amika+

Enteral Nutrition Pump

← 1.1.

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

## 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)

### Flow rate accuracy

- +/- 5 % at 125 mL/h

### Priming

- Automatic, semi-automatic and manual priming are available

### Counter

- Cumulative feeding volume counter from 0.001 L to 99999 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. These alarms present 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 Smart Holder COM

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

### Display

- Monochrome LCD 41 x 60 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: Approximately 138 x 128 x 48 mm / 610 g
- Pump Holder COM: Approximately 132 x 118 x 46 mm (without clamp) / 420 g

### Battery

- 4.8 V, 2.2 Ah NiMH (Nickel-Metal-Hydride)
- Battery life: minimum 24 h at 125 mL/h (in standard feeding conditions, 22.5°C +/- 2.5°C)
- Battery level indication on the display
- Battery charging time: maximum 6 h

### Compliance standard

- EN/IEC 60 601-1, EN/IEC 60 601-1-1, EN/IEC 601-2-24, EN/IEC 60 601-1-8 and EN/IEC 60 601-1-11
- Complies with the 93/42/EEC Medical Device Directive or the Medical Device Regulation (EU) 2017/745

### Waterproofness

- Pump: IP35
- Smart Holder COM: IP32

### Electrical compliance

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

### Power supply

- 100-240 Vac +/- 10%
- 50/60 Hz +/- 1Hz

### Power consumption

- Maximum 9 W in standard operating conditions

### Noise

- Around 26 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. Exist in large and small versions

### Smart Holder Power

- Pump Holder Power accessory with integrated AC/DC adapter

### Smart Holder COM

- Pump Holder COM accessory with integrated AC/DC adapter

### USB Cable

- For maintenance activities. To be connected with Smart Holder COM

### Nurse Call Cable

- To connect Smart Holder COM to Nurse Call system

### Partner Software

- Software for maintenance activities of Amika/Amika+ pumps

### Universal table stand

- An alternative pole to install pump on a table

### Amika AC Adapter/charge EU\*

- AC adapter power supply (plug type C)

### Amika AC Adapter/charge INT\*

- AC adapter power supply (plug types C/G/M/A/I)

- \* Only compatible with Amika Holder Power and Amika Holder COM

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