# Micropump™

## MPmlh+ multi syringe

Freedom without clinical compromise

micrel

# The portable syringe pump designed for simplicity and freedom

**The Micrel MPmlh+ is easy to maintain with a robust design, a trouble-free set up and accurate delivery.**

| Simple ml/hr set up | A variety of syringe sizes and brands can be used | Long battery life | Long service interval |
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- The MPmlh+ is ideal for both homecare and hospital treatments for pain management and immunoglobulin therapy
- A clear informative display giving easy alarm identification with a dual micro-processor construction gives the user confidence in drug delivery applications requiring portability
- Adjustable occlusion settings to match specific drug therapies

- Use any manufacturer's standard syringes (i.e. BD, Terumo, BBraun etc) from 10 to 50 ml*
- Event history log to store and review pump activities when needed
- Configurable options to customize functions and reduce the risk of rate setting errors
- Anti-tampering features including keypad lock and fixed rate options

*The maximum volume that can be delivered with a 50/60 ml syringe size depends on the syringe type

## ALARMS/WARNINGS (AUDIBLE & VISUAL) INCLUDE:

- Multi point(s) syringe dislodged detection
- End and Pre-end of infusion
- Occlusion
- System Failure
- Low battery/Depleted battery
- Pump on hold
- Priming indication and Bolus delivery / Lock out (optional)

## CONFIGURABLE

- Accurate bolus delivery with lock out feature
- Configurable occlusion level
- Lockable flow rate
- Simple priming procedure

## SPECIFICATIONS

- Dimensions: 170 x 61 x 32 mm
- Weight: 220 g including batteries (Alkaline LR03 AAAx6)
- Battery life: More than 70 full infusions at intermediate rate
- Rate: 0.1-33.0 ml/hr (for BD-20 ml), in 0.1 ml/hr steps
- Supports 4 brand syringes
- Accuracy: ±2%
- Fail-safe dual micro-processor motor monitoring

## ACCESSORIES

Standard accessories are supplied with each device include a carrying bag for ambulatory use, operating instructions and a set of batteries.
Soft locker box is available for 20ml & 50ml syringes.

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## Discover a patient-centred solution

To find out more about Micrel MPmlh+ multi syringe go to **micrelmed.com**



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