

## A New Gold Standard in Infusion Management

# BodyGuard 121 Twins

## Ambulatory Dual Channel Infusion Pump



Enter a new era in ambulatory infusion management with the BodyGuard 121 Twins infusion pump. BodyGuard offers a comprehensive range of features designed to maximise safe, economic and simple administration of infusion, thanks to its dual channels and multi programs.

The BodyGuard 121 Twins offers five programs: Continuous, 25 Steps, TPN, Intermittent and PCA.

BodyGuard is light, compact & robust ensuring it can be used in a wide variety of treatment settings such as hospital, homecare, transport or emergency medicine.

This flexibility is further enhanced by the rechargeable, internal Li-Ion battery and a mains charger. A piston pump mechanism ensures unparalleled accuracy and linearity of infusion even at the lowest infusion rates to meet the standards of the most demanding specialties & indications.

BodyGuard constitutes a major advance in ambulatory and bed - side pump technology incorporating active & passive safety features which can be configured to fit local practice and locked to prevent change by unauthorized personnel.

These features include security access codes anti - bolus system, free - flow protection in all consumables, downloadable patient and event history, adjustable air - in - line detection. BodyGuard software can be adjusted to user needs, including choice of language for information display, range of features and settings.

- **2 channel, multi-protocol infusion pump**
- **Lightweight & Compact** –the smallest, lightest bed-side pump in its class.
- **Pole-mountable mains or rechargeable Li-ion battery operated** to allow patient ambulation.
- **Piston pump mechanism** ensures superior accuracy and linearity of infusion even at low delivery rates.
- **Post-occlusion Bolus Reduction System** prevents false bolus after occlusion.
- **Comprehensive range of pump accessories** including carry pouch suitable for 3000 ml.
- **Ultrasonic Air-in-Line Detection** and cumulative counter configurable to local protocols.
- **Free-Flow Protection** and anti-reflux in all consumables.
- **3 Level Access Security Codes** prevents unauthorised personnel changing settings.
- **Connectivity to PC enabling 24 Hour Patient History** (including charts) & **1000 Event Log download** plus configuration of protocols and settings by computer.
- **MediGuard** software to reduce human errors by setting limits appropriate to patients weight.

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### Specifications

Pumping Mechanism:	Piston Pump
Total Infused Volume:	0.1 to 9999 ml
Flow Rate:	0.1 - 1200 ml/hr in 0.1ml increments / 1ml/hr increments
Accuracy:	± 3 %.
KVO rate:	1.0 to 5.0 ml/hr in 1 ml increments
Air Sensor:	Ultrasonic, adjustable (0.1 -1.0ml) air bubble size
Maximum Pressure:	10 psi (adjustable - high 10 psi / normal 7.5 psi /low 5 psi)
Power Supply:	110-240V AC, 50/60 Hz. (20W/0.12A)
Battery:	Li-ion 7.2V, 1450mA. (Rechargeable)
Battery life:	175h @ 1.0ml/h, 67h @ 5.0ml/h, 35h @ 15ml/h
Battery Charging:	Automatic when clicked into the Charger Connected to an AC power source. Six hours required to charge a fully depleted battery.
Alarms:	End Program, Low Battery, End Battery, Lock Mode, Air-in-line, Down Occlusion, Door Open, Pump Unattended, System Malfunction (followed by error code), Missing Key
Dimensions:	146mm x 84mm x 40mm. (H/W/D)
Weight:	450 grms
Manufactured by:	Caesarea Medical Electronics Limited Address: Staufenburgstr. 23, Lichtenstein POB 1248, Lichtenstein 72805, Germany.

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