

A New Gold Standard in Epidural Analgesia Management

BodyGuard Epidural

Ambulatory Infusion Pump

Enter a new era in ambulatory epidural analgesia management with the BodyGuard 545 Epidural pump. BodyGuard offers a comprehensive range of features designed to maximise safe, economic and simple administration of epidural regimens.

The BodyGuard Epidural offers Bolus only (PCA), Basal plus Bolus (Patient Controlled Epidural Analgesia) or Continuous only (Epidural Analgesia) infusion modes.

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 pole-mountable 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 can be configured with up to 26 standard drug protocols that can be stored for later selection & use on the wards. During use the display shows the protocol selected & the name of the drug or regimen being infused.

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

These features include colour coded pump and consumables, security access codes, anti-bolus system, free-flow protection in all consumables, downloadable patient & event history, adjustable



air-in-line detection and variable occlusion pressure settings, bolus delivery rate & infusion rate limiter.

- ❖ **Dedicated, colour-coded, Epidural Analgesia Pump** capable of bolus only, basal plus bolus or continuous only regimens.
- ❖ **Lightweight & Compact** – BodyGuard is the smallest, lightest pump in the ambulatory class.
- ❖ **Pole-mountable mains or rechargeable Li-Ion battery operated** for greater patient mobility.
- ❖ **Piston pump mechanism** ensures superior accuracy and linearity of infusion even at low delivery rates.
- ❖ **Anti-Bolus System** prevents deliver of false bolus after a downstream occlusion is detected.
- ❖ **Automatic bolus rate adjustment** to optimise bolus delivery rate and prevent false occlusion alerts during bolus administration through narrow epidural catheters.
- ❖ **Air-in-Line Detection** via a cumulative ultrasonic counter which can be set according to local protocols.
- ❖ **Free-Flow Protection** in all consumables.
- ❖ **Four levels of Access Security Codes**
- ❖ **Downloadable 24 Hour Patient History** (including charts) & **500 event log** for full accountability.
- ❖ **Comprehensive range of pump accessories** including charger with large LED display for visibility of infusion status on the ward, portable & pole-mounted locking reservoir covers and carry cases to suit your intended use.

BodyGuard

Ambulatory Epidural Infusion Pump

Specifications

Pumping Mechanism:	Piston Pump
Flow Rate:	0.0 to 30.0 ml/hr in 0.1ml increments
Total Infused Volume:	0.1 to 1,000 ml
Accuracy:	± 3 %.
KVO rate:	0.0 to 5.0 ml/hr in 0.1 ml increments
Air Sensor:	Ultrasonic, adjustable (OFF or 0.1 -1.0ml) air bubble size (total air volume)
Maximum Pressure:	21 psi (adjustable - high 21 psi / normal 14 psi / low 7 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. Four hours required to charge a fully depleted battery.
Alarms:	End Program Low Battery End Battery Air-in-line System Malfunction (followed by error code) Down Occlusion Door Open Pump Unattended Lock Mode Missing Key
Dimensions:	112mm x 89mm x 32mm. (H/W/D)
Weight	280 gms (without battery)

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