



BD BodyGuard™ Epidural infusion pump

Epidural solutions: safe and easy to use

Designed around patients, the BD BodyGuard™ Epidural infusion pump offers specific pain management modes to help improve quality of life and patient comfort. This latest edition of infusion pumps, specifically designed to meet clinicians' needs, will help you meet the strict demand of epidural. The BD BodyGuard™ Epidural infusion pump has unique features that make even the most challenging regimes safer and simpler to infuse.

Patient comfort

- The simplicity of the BD BodyGuard™ Epidural infusion pump will help patients better manage the pain and increase their quality of life thanks to the PIAB (Patient Intermittent Auto-Bolus) programme
- Due to its size and battery autonomy, the BD BodyGuard™ Epidural infusion pump helps improve patient mobility, comfort and freedom
- A whole range of accessories that will help patients manage the system with increased efficiency

Workflow efficiency

- The BD BodyGuard™ Epidural infusion pump's intuitive, user-friendly interface promotes easy understanding and a reduction in training time
- The BD BodyGuard™ Epidural infusion pump works with all types of IV bags / bottles, reducing set up time of the infusion when compared to the cassette system



Patient safety

- Configurable medication protocols can be saved to reduce set up time, help standardisation of clinical protocols and contribute to the reduction of medication errors
- A range of Epidural sets with NRFit™+ connection and yellow strip line, to differentiate from other IV sets' connections, helps prevent the IV line mixing with other routes of administration (i.e., epidural and peripheral routes when using local anesthetics¹)



Features and benefits

- **Small, lightweight and compact ambulatory** infusion pump for improved patient mobility and comfort
- Epidural solution administers fluid accurately via **3 modes**: basal only, basal & bolus, bolus only and **4 bolus types**: patient bolus, auto bolus, patient bolus combined with Auto Bolus, Programmed Intermittent Auto-Bolus (PIAB) for improved patient comfort
- A broad range of **colour coded infusion disposables** with **free-flow protection** to address different types of medication administration efficiently and safely
- An interactive user interface with a high-resolution colour screen helps to **facilitate easy programming** for patients and healthcare professionals
- Safety and security with the MediGuard™ weight-based dosing software that automatically set a toxicity ceiling based on your **patient's weight, to help prevent excess drug delivery**
- Free-flow protection in all dedicated disposables to help **prevent accidental medication delivery**
- Three security levels of access codes to help **prevent accidental or unauthorised programme changes**
- A range of accessories as well as mount options that **helps enable patient safety and mobility**
- **False occlusion and post-occlusions bolus systems** for improved patient safety and comfort

The BD BodyGuard™ Epidural is a small, compact and lightweight infusion pump with unique features that make even the most challenging regimen safer and simpler to infuse.

To order or learn more about how BD can assist you in your efforts to bring this valuable treatment to more patients, contact your BD sales representative.

BD BodyGuard™ Epidural infusion pump specifications

Dimensions and weight

Weight (with standard battery) 410 g

Pump only (H/W/D) 112 x 89 x 40 mm

Flow rate

Basal rate 0 to 30 ml/hr in 0.1 ml increments

KVO Rate 0 (OFF) - 5 ml/hr

Flow rate accuracy - ± 5 %*

Volume to be infused

0.1 – 1000 ml

Patient safety

Ultrasonic Air Sensor Air bubble size 0.04 – 1 ml

Occlusion Pressure adjustable 250-1100 mmHg

Power supply

110-240 VAC, 50/60 Hz. 0.3 A max

Complies with the current version of the following standards

IEC 60601-1, IEC 60601-1-2, IEC 60601-1-6, IEC 60601-1-8, IEC 60601-1-11, IEC 60601-2-24, IEC 62304 and IEC 62366

Battery specifications

Rechargeable Li-Polymer 7.4 V Battery

1800 mAh. Life at 25 & 30ml/h 15h

Protocols library

Fully programmable drug library, with automatic calculation of drug concentration programmable via PC with BodyComm™ software**

Up to 2000 user events log

PIAB programming capabilities

Pump alarms/alerts

Air in line / Up Occlusion, Down Occlusion, Pump Unattended, End of infusion, Near End of Infusion, Low Battery, End Battery, Door Open, Missing Set Key, System Error

Additional specifications

Insulation class II, type CF

Ingress Protection: IP33

Linear Peristaltic mechanism


References

1. Koczmara C, Hyland S, Cheng R. Epidural medications given intravenously may result in death. Dynamics. 2007;18(3):34–36.

† contact BD sales representative to check NRFit™ sets availability

* achieved under nominal conditions

** Only trained CME or BD associates or authorized representatives are allowed to configure CME BodyGuard™ infusion and syringe pumps and upload the clinician-approved protocols to supported pumps.

 Caesarea Medical Electronics Ltd.
16 Shacham Street Industrial Park Caesarea North
P.O. Box 3009 Caesarea 3088900, Israel

BD Switzerland Sàrl, Terre Bonne Park - A4, Route de Crassier 17, 1262 Eysins, Switzerland.

bd.com

