



ESB -1000

Infusion Pump

with Optional **ESB-W100** Fluid Warmer



Features:

- * Infusion Rate: 0.1-1200 ml/h (or up to 200 drops/mins)
- * 4 Infusion Modes
- * Bolus Function
- * 4 Pressure Rate adjustable (High – Medium – Low – Lowest)
- * Built in Infusion Rates Memory
- * Various Alarms Protection
- * Long time battery
- * Warm up all IV fluids including blood, enteral nutrition
- * Two kind of temperature optional

Medium temperature of balance. Internal temperature of the surface. 42 ± 5 (30 minutes after power on)

High temperature of balance. Internal temperature of the surface. 52 ± 5 (30 minutes after power on)

Safety Features

On Screen Event Log



Authorization Protection



Specifications

Infusion Rate Range

0.1-1200 ml/h (or up to 200 drops/min)

Infusion Modes

- * ml/h
- * Drop/min
- * Infusion Time Limit*
- * Patient Weight*

Volume To Be Infused

1-9999 ml

Bolus Rate Range

1-1200 ml/h

Bolus Volume

1-9999 ml

Accuracy

- +/-2% on the pump only
- (+/-5% with IV Set)

Occlusion Sensitivity Adjustment

High, Medium, Low and Lowest

0.04MPa – 0.16MPa / 5.8 PSI – 23.2 PSI

KVO (keep Vein Open)

0.1ml/h – 3ml/h

(Depends on the flow rate)

Built-in Infusion Rates Memory

10 Preset Infusion Modes Memory

Alarm Volume Adjustment

High, Medium, Low

* Specifications subject to change without prior notice

Alarms

- *Door Open
- *Occlusion (Up&Down)
- *Power Source Change
- *Press Start Key
- *Infusion Complete
- *Empty Bag
- *Initialization Error
- *Drive Mechanism Error
- *Air-in-line
- *Battery Low
- *Battery Depleted

Event Log

400 Events (on Screen Display or USB Download*)

Safety Protection

- *Anti-Free Flow Protection
- *Password Protection
- *Automatic Keypad Lock
- *Audible & Visual Alarm

Communication

RS232, USB*, Bluetooth (optional)

Power Supply

AC 100-240V 50/60 Hz, DC12V

Battery

Built-in Rechargeable sealed NiMH
Pump will operate 4 hrs @ 25ml/h from fully charged battery

Built-in Multi-Language Display

English, Spanish, French, Italian

Electrical Safety

TYPE CF IPX1

Net Weight

2.9KG / 6.4 lbs



Pulse Healthcare Technology
House: 11/1, Shahid Minar Road
Kallyanpur, Dhaka-1216, Bangladesh.
Mobile: +8801708008061
e-mail: info@pht.com.bd
web: www.pht.com.bd



ESSE 3 Via Garibaldi 30
14022Castelnuovo D.B. (AT)
tel +39 011 99 27 706
fax +39 011 99 27 506
e-mai esse3@chierinet.it
web : www.esse3-medical.com

