



CURA⁺
A COMPLETE RANGE OF CRITICAL CARE

Dg infuSR 202



Safe Infusion

Designed to meet the needs of modern I.V. Therapy in Neonatal / Adult / Pediatric ICU, CCU, Anesthesia, Oncology & Cardiology

Features

- **TFT color LCD display**
- **Microprocessor controlled syringe pump**
- **Compact in size**
- **Accepts 5/10, 20/30, 50/60 ml syringes**
- **Drug dose calculation facility**
- **Sequetal Infusion Mode**
- **Inbuilt drug library of 84 drugs**
- **User friendly keyboard with keypad lock option**
- **6 hours of battery backup**

Technical Data

Product ID - PB9H01

General

Dimension : 280(L) x 120(H) x 130(W)mm
Net weight : 1.60 kg approx.
Display : TFT color LCD display

Power Supply

Power Source : 110/240V AC $\pm 10\%$, 50/60 Hz
External DC socket, 12V $\pm 10\%$, DC: 1.5A max.
Power Consumption : 15 VA
Battery Type : Li ion
Battery Backup : 6 hours at 5 ml/hr
Battery Recharging : 24 hours for full charging
Fuse in mains : 2A (slow - blow)

Syringe

Syringe Capacity : 5/10, 20/30, 50/60 ml
Automatic identification of syringe sizes
Syringe Acceptability : All available Standard Indian and other brand syringes [BD, Dispovent etc.]. Can be programmed as per customer requirements
Syringe Loading : Front Loading with Manual and Automatic option

Drug Library

Library of 84 drug names with subset selection.

Flow Rate Range

Syringe capacity	Flow rate
5/10 ml	: 0.01 to 60.0 ml/hr
20/30 ml	: 0.01 to 100.0 ml/hr
50/60 ml	: 0.01 to 200.0 ml/hr

High flow rate range (Password protected for safety reasons)

Syringe capacity	Flow rate
5/10 ml	: 0.01 to 300.0 ml/hr
20/30 ml	: 0.01 to 500.0 ml/hr
50/60 ml	: 0.01 to 999.9 ml/hr

Bolus Rate Range

Syringe capacity	Flow rate
5/10 ml	: Max. 300 ml/hr
20/30 ml	: Max. 500 ml/hr
50/60 ml	: Max. 1000 ml/hr

Volume Range

Preset Infusion Volume : From 0.1ml to 9999.9
Cumulative Volume : 0.1 - 999.9 ml
Time Pre-Selection : 0.1 - 99.9 h

Accuracy

Volume (excluding syringe) : $\pm 3\%$
Flow Rate (excluding syringe) : $\pm 3\%$

Occlusion Levels & Settings

Low : Approx. 0.3 Bar
Medium : Approx. 0.6 Bar
High : Approx. 1.2 Bar

Keep Vein Open (KVO) Rate

KVO (Automatic)
For 0.01 ml/h to 0.5 ml/h : same as Infusion rate
For 0.5 ml/h to 50.0 ml/h : 0.5 ml/h
For 50.1 ml/h to 100.0 ml/h : 1% of infusion rate
For above 100.0 ml/h : 1.0 ml/h

KVO (Manual)
User Selectable : 0.01 ml/h to 10 ml/h

Alarms

Battery pre-alarm (30 min. before battery discharge), Power disconnection Alarm, Syringe alarm, End of Infusion Pre-alarm (1 to 9min.), End of infusion, Occlusion Alarm, Internal Malfunction, Plunger disengage alarm, Preventive Maintenance, Alarm power off

Operating Conditions

Ambient Temp : $+5$ to -40 $^{\circ}\text{C}$
Relative Humidity : 20-90%RH (Non-Condensing)
Storage Temp : 0 $^{\circ}\text{C}$ to $+50$ $^{\circ}\text{C}$
Atmospheric Pressure : 900hPa to 1050hPa

Standard Accessories

AC Power cord
Operating manual

*Optional Accessories

RS 232 port and cable for single pump Software on PC for monitoring single syringe pump.
Multiple AC chord for upto 8 pumps.

Designed to meet the requirements of following international standards

- Class II, Type CF as per IEC 60601-1
- IPX2 as per IEC 60529
- Class IIb as per 93 / 42 EEC (MDD)
- EMI / EMC as per IEC 60601-1-2
- IEC 60601-2-24

*All the accessories and modules in the leaflet are optional and are not part of the standard scope of supply, unless otherwise specified in the written quotation.
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