Infusion Pump

Syringe Infusion Pump



- Fully microprocessor controlled based system
- Portable, Durable, Light-weight user friendly and easy to operate
- Large display of four line displayed set rate, infused volume, time remaining, bat /L bat
- Help menu facility during setting of pump operation
- High volumetric accuracy over the entire delivery range
- Wide range of adjustable ow rates from 0.1ml to 300ml/hr. in volumetric selection
- 1 drop to 100 drop/min. in Drop selection
- Various types of dierent lV sets used in normal / Macro are like 16, 17, 18, 19 & 20 drops equal to 1 ml.
- In Micro lV sets used 60 drops equals to 1 ml.
- Compatible with all branded calibrated normal and micro IV sets
- Purge/ bolus facility during run mode
- Volume and Drop facility in combo pump
- Ideally suitable for ICU, ICCU, NICU, PICU, Pain management & Research Laboratory
- Automatic Error identication and recovery facility is very useful in precise free ow infusion device,
- A unique feature's incorporated in our infusion pump. It gives more accurate infusion solution.

Simple Accurate Versatile

The infusion drip control mainly deals with controlling the dripping and measurement during clinical venous transfusion, it carries out all kind of transfusion required more precisely. The infusion drip control makes the UID enter into the body precisely in the way of requirement of pharmaceutical dynamics. It thereby improves the curative effects of the medicines and lightens the poisonous reaction on them.

SPECIFICATIONS

ACCURACY FLOW RATE	+/- 3 TO 5 % (MEASURED TIME. 1HRMIN 0.2 ML) 0.1 TO 300 ML/HR VOLUMETRIC MACRO RANGE 0.1 TO 100 ML/HR VOLUMETRIC MICRO RANGE 1 TO 100 DROPS PER MINUTE RANGE IN – (DROP PUMP-MACRO & MICRO)
VOLUME LIMIT	1 TO 999 ML
DISPLAY	20 X 4 LINE LCD DISPLAY SET RATE, INFUSED VOLUME, TIME REMAINING, BAT/L BAT
ALARM (AUDIO/ VISUALS) WITH BLINKING DISPLAY	BAT/L BAT, HIGH OW, LOW OW- EMPTY BOTTLE, 5 MINUTE PER ALARM, INFUSION COMPLETED, DOOR OPEN
DROP DETECTOR	LED ASH FOR SENSOR DISCONNECTION VISIBLE DROPS ARE DETECTED BY INFRA-RED EMITTER & SENSOR EACH DETECTION IS INDICATED BY ASH OF RED LED
MECHANICAL	CORROSION FREE
ELECTRICAL MAINS POWER	MICROPROCESSOR BASED CIRCUIT 220-230 VOLTS AC, FREQ. 50/60 HZ
POWER CONSUMPTION	12 WATTS MAX.
OPERATING CONDITIONS	AMBIENT TEMPERATURE: 05 TO 40 DEGREE CENTIGRADE RELATIVE HUMIDITY: 20 TO 90 (NO CONDENSATION)
BATTERY POWER	MAINTENANCE FREE NIMH BATTERY WITH 4 HOURS BACK UP@ RATE 5ML/HR.
WEIGHT	2.6 KG, APPROX.
DIMENSIONS	145 MM (L), 210 MM (H), 125 MM (W) APPROX.