

# Arena

## Syringe Infusion Pump



- Front loading with manual plunger opening syringe pump.
- Fully Micro Processor Controlled Based System
- Automatic Syringe size detection<sup>1</sup> of 5,10,20,50/60 ml.
- Portable, Durable, Light Weight, use friendly and easy to operate
- 3.2" Large Graphics display indicates Rate (in big font) Infused Volume, Time remain, Drug Name, Set Volume, Syringe size, Syringe Name.
- Display show continuously occlusion pressure graphically
- Any brand of Syringe can be calibrated and use
- User can set bolus program as per patient requirement online or programmable.
- Last program continue facility
- High volumetric accuracy over the entire delivery range
- Anti Bolus function active when occlusion detected. It helps to release pressure in patient vein.
- Wide range of adjustable flow rates from 0.1 ml to 1500ml per hour
- Compatible with syringe range of 5ml, 10ml, 20/30ml and 50/60ml
- Stand by mode facility available
- Ideally suitable for ICU, ICCU, NICU, PICU, OT, Pain Management Treatment.
- Visual alarm from all four side.
- Stackable Syringe Pump.

**Simple Accurate Versatile**

## SPECIFICATIONS

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OVERALL ACCURACY	+ / 2% (MEASURED TIME >1 HR; MIN 0.2ML)
FLOW RATE RANGE	0.1 - 50ML/HR FOR 10 ML SYRINGE 0.1 - 100ML/HR FOR 20 ML SYRINGE 0.1 - 120ML/HR FOR 30 ML SYRINGE 0.1 - 1500ML/HR FOR 50/60 ML SYRINGE (ABOVE 200.1 WITH PASSWORD PROTECTED IN HIGH INFUSION)
INFUSION VOLUME LIMIT	60ML, PROGRAMMABLE EVERY 0.1 ML
BOLUS RATE	100ML/HR, 200ML/HR, 500ML/HR AND 1200ML/HR (DEPENDS ON SYRINGE SIZE)
OCCLUSSION DETECTION PRESSURE LIMIT	PROGRAMMABLE THREE LEVEL LOW 0.4 + / 0.08 BAR MEDIUM 0.8 + / 0.20 BAR HIGH 1.2 + / 0.25 BAR
KVO RATE	1% OF SELECTED INFUSION RATE BUT MIN 0.1ML/HR
SYRINGE TYPE USED	B I BRAUN-OMNIFIX, B I BRAUN-PERFUSER, BD PRESISE, BD-DISCARDIT, DISPOVAN, ROMSON, NIRLIFE & BRAND OF 5,10,20,30,50,60 ML SYRINGES WITH THEIR DIFFERENT MODELS.
DRUG LIBRARY 50	NUMBERS OF DIFFERENT DRUGS
INDICATORS ALARMS	ALARMS, RUN AND MAINS BATTERY, LOW BATTERY, OCCLUSSION, NO SYRINGE, 5 MINUTE PRE ALARM, END OF INFUSION, ANTI BOLUS - KVO ACTIVE , WRONG SYRINGE LOADED
<b>POWER</b>	
POWER SUPPLY INTERNAL BATTERY	AC INPUT RANGE 110V TO 280 VOLT AC, 50/60HZ
BATTERY BACK UP ON OPERATING RANGE	INBUILT SMF NIMH ( SHIELD MAINTENANCE FREE) 10 TO 12 HRS. UNDER STANDARD CONDITION.
POWER CONSUMPTION	10 WATTS MAX.
<b>HOUSING AND CONSTRUCTION</b>	
WEIGHT	2.0 KG APPROX.
DIMENSION	290 MM (L),195 MM (H).165 MM (W) APPROX.

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