

SYRINGE INFUSION PUMP



The syringe pump has three parts

Driving Unit

Control panel

Display panel

Working

1. Connect the power cable to the power slot and fix the infusion pump on to the installation pole.
2. Press the On button for 1 second to switch on the syringe pump. All signals on the display unit will glow for a second.
3. Choose the appropriate size and type of syringe as per the need of the patient.
4. Set the syringe in the slot in the driving unit. To do this, lift up the syringe holder and place the drug filled syringe with the inner and the outer cylinders in their corresponding grooves and ensure good fixation.
5. The syringe should be connected to the appropriate tubing. Avoid cutting of the IV set tubing to fit the syringe nozzle.
6. Set the rate of infusion using the up and down arrow keys in the control panel.
7. Before starting infusion press the prime button to flush the tubings to remove all air bubbles.
8. Now connect to the patient after ensuring patency of the IV line.

Trouble shooting

Alarm message	Possible problem	Corrective action
"OUT OF INFU"	Slider has moved inadvertently	Fix syringe again and restart infusion
"OCCLUSION"	Tube occluded with >60 kPa pressure	Check and remove cause of occlusion; P.N. Unnecessary pushing fluid into the IV line may cause extravasations
"AC FAILURE"	Low internal battery	Connect to AC power
"SYRINGE IN USE"	Syringe removed from holder	Set syringe properly and resume infusion
"NEAR EMPTY"	Infusate almost over	Keep loaded syringe ready

Maintenance

- Cleaning : In case of spillage wipe with soft cloth soaked in lukewarm water
- Disinfection : Disinfect with Benzalkonium chloride
- **Don'ts**
 - i) Do not use alcohol based disinfectant
 - ii) Do not autoclave
 - iii) Do not clean with wet cloth while connected to mains