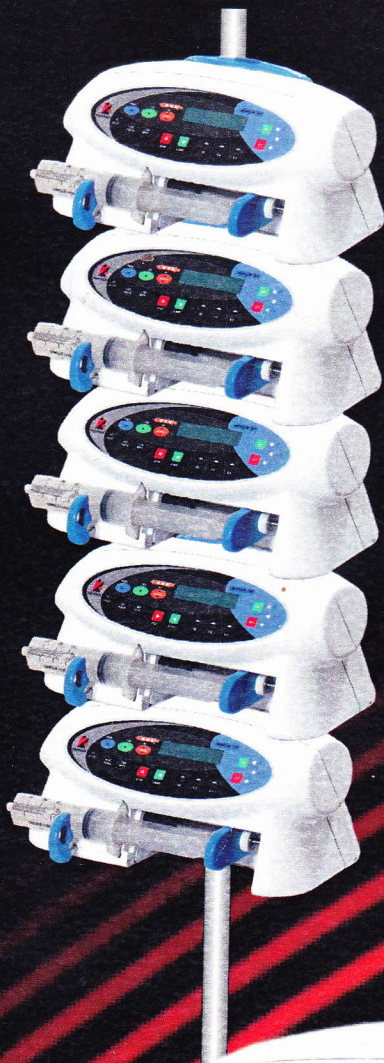


MEDIFLOW 1000

SYRINGE INFUSION PUMP



- Safe, Reliable and Precise
- Simple to Setup Easy to Operate
- Memory back up for Settings
- Automatic Syringe Size Detection
- Drug Name Display
- On Line Display of Volume Infused
- Programmable Bolus Rate
- Audio Visual Alarm
- Feather Touch Switches
- In Built Battery Backup
- Micro Controller Based Design
- Light Weight
- Front Loading Of The Syringe
- Multiple Pumps Can be Stacked on a pole



TECHNICAL SPECIFICATIONS

| Parameter | Specifications |
|------------------------|--|
| Flow Rate | 0.1 to 199 ml / Hr optional up to 999 ml/Hr |
| Display | 16 Characters 2 lines LQD Display |
| Resolution | 0.1 ml / Hr for rate up to 99.9 ml/Hr 1 ml / Hr for rate 100 to 199 ml/Hr |
| Infusion Accuracy | +/- 2% of set rate +/- 0.1 ml |
| Mechanical Accuracy | +/- 1% |
| Totaliser | Display of Total volume infused up to 999 ml |
| Volume Limit | Limit for total volume to be infused 0.1 ml to 900 ml |
| Applicable Syringes | Accepts syringe of 10 ml, 20 ml, & 50/60 ml precalibrated for four different brands |
| Occlusion Pressure | Three level setting LOW, MEDIUM or HIGH automatic pressure release in case of occlusion |
| Alarms and Indications | <ul style="list-style-type: none"> • Syringe Empty • Occlusion • Low Battery • Infusion Complete • Bolus Complete • NO Syringe |
| Bolus | Bolus rate can be set up to 999 ml/Hr Bolus can be given in two modes <ul style="list-style-type: none"> - On line Bolus - Programmed Bolus |
| KVO | KVO Can be implemented by setting very low infusion rate |
| Battery Backup | In built 6 V rechargeable maintenance free Battery provides backup for approximately 6 hrs (@ 10 ml/hr) in case of power failure |
| Power Supply | AC 220 V +/- 15 %, 50-60 Hz |
| Operating conditions | Temperature : 5-45 degree Celsius Humidity : up to 95% (non condensation) |
| Dimension | 310(W) X 150 (H) X 180 (D) |
| Weight | 2.5 kg approximately |

Special Features

Automatic Syringe size
detection

Drug Name display

Drug name can be selected
from a library of 40 drugs

Moving LED status indicator

Infusion in progress is
indicated very clearly

Immediate Start

The Infusion can be started
immediately after syringe
loading simply by setting the
rate

Protected Settings

Settings can not be changed
when infusion is in progress

On line display of

(During infusion in progress)

- Infused volume
- Volume remaining
- Set rate
- Syringe size
- Drug name

Optional

- RS-232 o/p for PC interface
- Nurse call
- External DC power supply
- Common AC power chord
for multiple pumps

Development is the way of life hence, while manufacturing life supporting medical equipment, we reserve our rights to change the specifications without prior notice,
FOR THE SAKE OF DEVELOPMENT.

YASHTECH

