

# PION™ Syringe Pump

**This New PION syringe pump provides a powerful yet affordable solution to your sophisticated dispensing and flow control applications**

**\* Superior Advantages and Quality**

- 3.5" color TFT LCD display
- Selectable drug library and infusion profile (Bolus + maintenance, Maintenance)
- Automatic detection of syringe size & selectable syringe maker

**\* Easy to use**

- Trim knob for easy setting & direct keys for operation
- Automatic calculation of infusion control
- Communication available with PC through RS232

**\* Management**

- 160 hours of history
- Various modes available: Setting, Confirmation, Infusion, Service and Configuration
- Alarms" NEOI, EOI, Occlusion, Battery discharge, AC failure, Syringe clamp & plunger



## SPECIFICATIONS

|                                   |                                                                                                                                                                                                                                                |
|-----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Display Input &amp; Output</b> | Output : 3.5" color TFT LCD, LED(Alarm, Power, Battery)<br>Input : Encoder, 7 keys(Power, Alarm, Start, Stop, New, Prime, Information)                                                                                                         |
| <b>Compatible syringe</b>         | 10, 20, 30, 50 ml (BD Plastipak, Omnifix, Terumo and specified brands)                                                                                                                                                                         |
| <b>Range of flow rate</b>         | 0.1 ~ 1200 ml/h (accuracy 3%)                                                                                                                                                                                                                  |
| <b>Occlusion Pressure</b>         | 1 ~ 8 Level (125 mmHg Steps)                                                                                                                                                                                                                   |
| <b>Alarm</b>                      | NEOI(Near End Of Infusion), EOI(End Of Infusion), Occlusion, Battery discharge, Syringe status, AC failure                                                                                                                                     |
| <b>Power supply</b>               | AC 100 ~ 240 VAC/50 ~ 60Hz                                                                                                                                                                                                                     |
| <b>Battery and life</b>           | DC 12V/2200mAh Ni-MH battery<br>2 hours at 10ml/h (discharged), Over 6 hours (fully-charged)                                                                                                                                                   |
| <b>Communication</b>              | RS-232 for communication / USB for S/W upgrade                                                                                                                                                                                                 |
| <b>Function</b>                   | - Automatic calculation of infusion profile<br>- History save and view (max. 160 hours, cursor analysis)<br>- Global view text for infusion parameter<br>(Infusion rate, Total infused dosage, Total infused time, Drug & patient information) |
| <b>Dimension</b>                  | 250(W) x 190(H) x 150(D) mm                                                                                                                                                                                                                    |
| <b>Weight</b>                     | About 2Kg                                                                                                                                                                                                                                      |
| <b>Mounting</b>                   | Clamp on pole                                                                                                                                                                                                                                  |
| <b>Standard</b>                   | EN 60601-1, EN 60601-2-24, Class I, Type CF, IPX1                                                                                                                                                                                              |
| <b>Environment</b>                | Operating : 10 ~ 40°C, 30 ~ 85 %      Storage : -10 ~ 60°C, 10 ~ 90%                                                                                                                                                                           |
| <b>Accessories</b>                | AC power code, Operation manual                                                                                                                                                                                                                |

• Specifications can be changed without prior notification.



Setting



Infusion



Alarm

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