



ESP-400

Syringe Pump with Drug Library



Characteristic:

- * Four work modes.
- * Compatible to all syringes from any manufacturers; Identify different syringes automatically
- * 10 categories Drug Library with 174 drugs..
- * 17 dose units.
- * Bolus function. Bolus setting interface independently;
- * Setup interface alone
- * Pressure detection available during infusion and displayed by icon;
- * Three levels of alarm volume;
- * Three levels of occlusion pressure; Pressure can be released automatically after alarm of occlusion;
- * 5000 history data can be recorded.
- * ICU Infusion Workstation.
- * Stackable up the maximum 8 channels.
- * IP X4 water-splash-proof design;
- * Unique wide color LCD;
- * USB interface;
- * Stand-by power, to recharge automatically, automatic transfer on blackout.

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| Compatible Syringes | 5ml; 10ml; 20ml (30ml); 50ml(60ml) by any standard. |
| Accuracy | ±2% by calibration |
| Delivery Rate Range | 50ml (60ml): 0.1ml/h ~ 1800.0 ml/h (0.1ml/h increment) 30ml: 0.1ml/h ~ 1200.0ml/h (0.1ml/h increment) 20m: 0.1ml/h ~ 800.0ml/h (0.1ml/ increment) 10ml : 0.1ml/h ~ 400.0ml/h (0.1ml/h increment) 5ml: 0.1ml/h ~ 200.0ml/h (0.1ml/h increment) |

Specification:

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| Time Mode | Volume: 0.1 ~ 200.0ml (0.1ml increment) Time: 1 ~ 999min (0.1ml increment) |
| Setting Range of Drug Library | Sol. Volume: 0.1ml/h ~ 199.9ml, 0.1ml increment Drug Mass: 0.1 ~ 999.9ml, 0.1ml increment Dose: 0.001 ~ 9999, 0.001 increment |
| 10 Drug Categories | Cardiovascular Sys.; Respiratory Sys.; Antibiotic Sys.; Alimentary Sys.; Nervous Sys.; Analgesic Sys.; Urinary Sys.; Blood Sys.; Endocrine Sys.; Anesthetic Sys. |
| Dose units | ng/kg/min; ug/kg/min; mg/kg/min; g/kg/min; ug/kg/h; mg/kg/h; g/kg/h; ug/min; mg/min; g/min; ug/h; mg/h; g/h; U/min; IU/h; U/kg/h; ng/kg/min. |
| Weight Range | 0.1ml ~ 300.0kg, 0.1kg increment |
| Bolus Volume | 0.1ml ~ 60.0ml, 0.1ml increment |
| Bolus Rate | 5ml: 0.1ml ~ 200.0ml/h, 0.1ml increment 10ml: 0.1ml ~ 400ml/hr, 0.1ml increment 20ml :0.1ml ~ 800ml/hr; 0.1ml increment 30ml: 0.1ml ~ 1200ml/h 0.1ml increment 50ml(60ml) syringe: 0.1 ~ 1800ml/hr, 0.1 increment |
| Bolus Rate | Maximum 25ml |
| Purge Rate | 5ml syringe:200.0ml/h; 10ml syringe: 400.0ml/h; 20ml syringe: 800ml/h; 30ml syringe:1200.0ml/h; 50ml(60ml) syringe:1800.0ml/h |
| KVO Rate | 0.1ml/h ~ 1.0ml/h, 0.1ml increment |
| Alarms | Near empty; Syringe Empty; Volume Completed (when limiting volume has been set); Occlusion; Syringe Loose; Operation Errors; Low Batter; Devices Failures etc. |
| ICU Infusion Workstation | Four syringe pumps and one infusion pump can be combined on a infusion stand to the infusion workstation sharing one power interface. |
| Power | AC Power Supply: AC 100 to 240V±10%, 50/60Hz; Built-in Li-Polymer Battery: 11.1V, 2000mAh, Power consumption ≤ 25VA |
| Shock Protection | Class I, Type CF |
| Dimension | 230mm X 150mm X 125mm |
| Net Weight | 2.2kg |



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