

Technical Specifications

IP200

Screen	3.5 inches TFT Color touch screen, resolution: 480*272, with 9 adjustable brightness levels
Keypad	9 Function keys with navigation
Stack-able	Yes (Multiples of 3) Docking Station for power only (Meditec IC20) - Optional Docking Station for Central Monitoring (Meditec IC20) - Optional
Operating Modes	Rate Mode, V-T Mode, Dosage Mode, R-T Mode Loading Dose, Sequence Mode, Ramping Mode, Intermittent Mode, Relay Mode (optional)
IV Set	4 Preset IV brands, 6 new brands can be added, brand name editable
Flow Rate Deviation	≤ ± 2% (± .0.5% on mechanism deviation)
Flow Rate Range	0.10–2000ml/h
Flow Rate Increment	0.01ml/h for 0.10ml/h–99.99ml/h 0.1ml/h for 100.0ml/h–999.9ml/h 1ml/h for 1000ml/h–2000ml/h
VTBI Range	0.10–9999.99 ml
VTBI Increment	0.01ml for 0.10 ml/h–99.99ml/h 0.1ml for 100.0ml/h–999.9ml/h 1ml for 1000ml/h–9999ml/h
VTBI Time Range	0:00:01–99:59:59 (hh:mm:ss)
Bolus	Manual & Automatic
Bolus rate	0.10–2000ml/h
Auto Bolus VTBI	0.1–5ml, at 0.1ml increment
KVO Rate	0.1–5ml, at 0.1ml increment
Occlusion Pressure	11 adjustable setting, 10–135 Kpa
Dynamic Pressure Surveillance	DPS, yes
Bubble Detection	2 adjustable levels single bubble size 30ul, 100ul, 300ul
Audio and Visual Alarms	AC Power Interruption, DC Power Interruption, Low Battery, Depleted Battery, Forget Reminder, Infusion Near End, Infusion Complete, Door Open, Flow Rate, Syringe Unlocked, System Exception, Upstream Occlusion, Bubble detection Alarm
Drug Library	Up to 100 from specified drug category Optional - Programmable with DERS (Drug Error Revise System)
Event Log	2000 logs
Parameters Adjustable	YES (during infusion)
Anti-Bolus Function	YES, less than 0.05ml
Anti-Free flow	Yes
Key Lock	Yes
Night Mode	Programmable and auto shift
Alarm	3 alarm grades, 9 adjustable sound volume settings
Data Port	P1 connector (Optional)
Dual CPUs	Yes
Waterproof	IPX5
Classification	Class I, CF
Power	AC: 100V – 240V, 50Hz/60Hz, 35VA
Battery	Rechargeable lithium-ion battery 10-15V/2.5A Battery Life: ≥8 hours at 25ml/h
Charging Time	≤4 hours
Dimensions & Net Wt.	240mm x 175mm x 80mm; 1.8kg
Packing & Gross Wt.	414mm x 238mm x 154mm; 2.8kg

SP200

Screen	3.5 inches TFT Color touch screen, resolution:480*272,with 9 adjustable brightness levels
Keypad	9 Function keys with navigation
Stack-able	Yes (Multiples of 3) Docking Station for power only (Meditec IC20) - Optional Docking Station for Central Monitoring (Meditec IC20) - Optional
Syringe Modes	Rate Mode, Volume-Time, Dosage Mode, R-T Mode Loading Dose, Sequence Mode, Intermittent Mode, Ramping Mode, Relay Mode (optional)
Syringes	Auto size detection of 5/6ml, 10ml, 20ml, 30ml, 50/60ml syringes
Syringe Management	4 Preset IV brands, 6 new brands can be added, brand name editable (Optional)
Flow Rate Deviation	≤ ± 2% (± .0.5% on mechanism deviation)
Flow Rate Range	5/6ml syringe: 0.10–150.0ml/h 10ml syringe: 0.10–300.0ml/h 20ml syringe: 0.10–600.0ml/h 30ml syringe: 0.10–800.0ml/h 50/60ml syringe: 0.10–2000ml/h
Flow Rate Increment	0.01ml/h for 0.10ml/h–99.99ml/h 0.1ml/h for 100.0ml/h–999.9ml/h 1ml/h for 1000ml/h–2000ml/h
VTBI Range	0.10–9999.99ml
VTBI Increment	0.01ml for 0.10ml/h–99.99ml/h 0.1ml for 100.0ml/h–999.9ml/h 1ml for 1000ml/h–9999ml/h
VTBI Time Range	0:00:01–99:59:59 (hh:mm:ss)
Bolus	Manual & Automatic
Bolus rate	5/6ml syringe: 0.10 – 150.0ml/h 10ml syringe: 0.10 – 300.0ml/h 20ml syringe: 0.10 – 600.0ml/h 30ml syringe: 0.10 – 800.0ml/h 50/60ml syringe: 0.10–2000ml/h
Auto Bolus VTBI	0.1–5ml, at 0.1ml increment
KVO Rate	0.1–5ml, at 0.1ml increment
Occlusion Pressure	11 adjustable setting, 10–135 kPa
Dynamic Pressure Surveillance	DPS, yes.
Auto calibration	Yes
Audio & Visual Alarms	AC Power Interruption, DC Power Interruption, Low Battery, Depleted Battery, Forget Reminder, Infusion Near End, Infusion Complete, Injector Empty, Flow Rate, Syringe Unlocked, System Exception
Drug Library	Up to 100 from specified drug category Optional - Programmable with DERS (Drug Error Revise System)
Event Log	2000 logs
Parameters Adjustable	YES (during infusion)
Anti-Bolus Function	YES, release 70% pressure of the peak value
Key Lock	Yes
Night Mode	Programmable and auto shift
Alarm	3 alarm grades, 9 adjustable sound volume settings
Data Port	P1 connector (Optional)
Dual CPUs	Yes
Waterproof	IPX4
Classification	Class I, CF
Power	AC: 100V–240V, 50Hz/60Hz, 35VA
Battery	Rechargeable lithium-ion battery 10-15V/2.5A Battery Life: ≥8 hours at 5ml/h
Charging Time	≤4 hours
Dimensions & Net Wt.	280mm x 170mm x 80mm; 1.8kg
Packing & Gross Wt.	414mm x 238mm x 154mm; 2.8kg



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