

SECTION 2. SPECIFICATIONS (2001)

Overall Size	4.5" wide X 3.0" high X 7.5" long
Weight	2.5 Pounds
Accuracy	+/- 3%, excluding syringe variations
Infusion Modes	Continuous, Volume Over Time, Intermittent Auto, Intermittent Manual
Flow Rate	00.01 to 99.99 ml/hour in increments of 0.01, or 0.1 to 378.0 ml/hour in increments of 0.1
Syringe Selection	Three Manufacturers*: Becton-Dickinson (B-D) (B-D Glass); Monoject (Mono); Terumo (Terumo) Syringe Sizes: B-D 1, 3, 5, 10, 20, 30, 60 ml Mono 1, 3, 6, 12, 20, 35, 60 ml Teru 1, 3, 5, 10, 20, 30, 60 ml (Fill Volume: 1,3,6,12,25,35,60) B-D Glass 1, 3, 5, 10 ml Special request available for other syringe manufacturers.
Syringe Fill Volume	All syringe sizes will fill to maximum stated volumes.
Power	AC 95-135V, 60Hz; International voltages available. DC internal rechargeable batteries.
Syringe Programming	The pump automatically senses the syringe size when loaded properly.
Recharge Time	No longer than 16 Hours at 25 degrees C.
Battery Capacity	At 25 degrees C, a 16-hour charge will operate the pump for at least 10 hours at 5.0 ml/hour with a 60 ml syringe. NOTE: <i>Battery Capacity will vary with the depth of discharge during cycling.</i>
Alarms/Alerts	Near Empty, Empty, Volume Limit, Occlusion Low Battery, Depleted Battery, Battery In Use, Battery Charging System Malfunction Syringe Pops Out, Check Clutch, Battery Depleted/Plug In AC Invalid Size, Invalid Number Stop/Program, Deliver, Priming, Standby
Total Volume Delivered	000.00 to 999.99 ml, increments of 0.01 ml
Volume Limit	0.1 to maximum capacity of syringe size selected increments of 0.01 ml (slight variances may relate to software version in use).
KVO	0.1 to 9.9 ml/hour, increments of 0.1 ml/hour.

See Operations Manual for the software version of your pump.

**Trademarks of Becton-Dickinson, Sherwood Medical and Terumo respectively.*

SPECIFICATIONS (2010)

Overall Size	4.5" wide X 3.0" high X 7.5" long
Weight	2.5 Pounds
Accuracy	+/- 3%, excluding syringe variations
Infusion Modes	Body-weight (mcg/kg/min,mcg/kg/HR,MG/kg/min,MG/kg/HR), MG/HR, ML/HR, Volume/Time
Flow Rate	0.1 to 378 ml/hour dependent on syringe size selected.
Bolus Rate	Up to 378 ml/hour.
Syringe Selection	Three Manufacturers*: Becton-Dickinson (B-D) (B-D Glass); Monoject (Mono); Terumo (Terumo) Syringe Sizes: B-D 1, 3, 5, 10, 20, 30, 60 ml Mono 1, 3, 6, 12, 20, 35, 60 ml Teru 1, 3, 5, 10, 20, 30, 60 ml (Fill Volume: 1,3,6,12,25,35,60) B-D Glass 1, 3, 5, 10 ml Special request available for other syringe manufacturers.
Syringe Fill Volume	All syringe sizes will fill to maximum stated volumes.
Power	AC 95-135V, 60Hz; International voltages available. DC internal rechargeable batteries.
Syringe Programming	The pump automatically senses the syringe size when loaded.
Recharge Time	No longer than 16 Hours at 25 degrees C.
Battery Capacity	At 25 degrees C, a 16-hour charge will operate the pump for at least 10 hours at 5.0 ml/hour with a 60 ml syringe. NOTE: <i>Battery capacity will vary with the depth of discharge during cycling.</i>
Alarms/Alerts	Near Empty, Empty, Bolus Delivery, Occlusion Low Battery, Depleted Battery, Battery In Use, Battery Charging System Malfunction Syringe Pops Out, Check Clutch, Battery Depleted/Plug In AC Invalid Size, Invalid Number Stop/Program, Deliver, Priming, Standby
Total Volume Delivered	0000.0000 to 9999.9999 mg or ml.

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SPECIFICATIONS (2010i)

Overall Size	4.5" wide X 3.0" high X 7.5" long.
Weight	2.5 pounds
Accuracy	+/- 3%, excluding syringe variations.
Infusion Modes	<p><u>Body Weight Modes:</u> $\mu\text{g}/\text{kg}/\text{min}$, $\mu\text{g}/\text{kg}/\text{HR}$, $\text{MG}/\text{kg}/\text{min}$, $\text{MG}/\text{kg}/\text{HR}$</p> <p><u>Mass Modes:</u> $\mu\text{g}/\text{min}$, $\mu\text{g}/\text{HR}$, MG/min, MG/HR, mU/min, mU/HR, U/min, U/HR</p> <p><u>Continuous Modes:</u> ml/min, ml/HR</p> <p><u>Volume Over Time Mode:</u> $\text{volume}/\text{time}$</p>
Flow Rate	0.1-378.0 ml/HR dependent on syringe size selected.
Syringe Selection	<p>Three Manufacturers*: Becton-Dickinson (B-D) (B-D Glass); Monoject (Mono); Terumo (Terumo)</p> <p>B-D 1, 3, 5, 10, 20, 30, 60 ml Mono 1, 3, 6, 12, 20, 35, 60 ml Teru 1, 3, 5, 10, 20, 30, 60 ml B-D Glass 1, 3, 5, 10 ml</p>
Syringe Fill Volume	All syringe sizes will fill to maximum stated volumes.
Power	AC Adapter; DC Internal Rechargeable Batteries.
Syringe Programming	The pump automatically senses the syringe size when loaded.
Recharge Time	No longer than 16 hours at 25 degrees C.
Battery Capacity	<p>At 25 degrees C, a 16-hour charge will operate the pump for approximately 10 hours at 5.0 ml/hour with a 60 ml syringe.</p> <p>NOTE: <i>Battery capacity will vary with the depth of discharge during cycling.</i></p>
Alarms/Alerts	<p>Empty, Occlusion, System Malfunction, Low Battery, Depleted Battery, Check Clutch, Syringe Pops Out, Invalid Size, Invalid Number, Load Syringe Plunger, Alarm Audio Volume: Soft or Loud, Near Empty: Programmable between 5 and 60 minutes, Alarm Temporary Delay: 2 or 60 minutes, Stop/Program, Bolus Delivery, Deliver, End of Bolus, Battery Charging, Battery in Use, Priming, Standby Mode</p>
Total Volume Delivered	0000.0000 to 9999.9999 mg, Units or ml.

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