

Specifications

Mechanical & Electrical

Syringe sizes:	Up to 60 mL, 140 mL partially filled
Number of syringes:	1
Motor type:	Step motor
Motor steps per revolution:	400
Micro-stepping:	1/8 to 1/2 depending on motor speed
Advance per step:	0.2126 μ m to 0.8504 μ m depending on motor speed
Motor to drive screw ratio:	15/28
Drive screw pitch:	20 revolutions/inch
DC connector:	2.1 mm, center positive
Voltage at DC connector:	12V DC
Amperage:	750 mA at full load
Power supply type:	Regulated external wall adapter, country and power source specific 12V DC @ 1000 mA
Power supply output rating:	8 3/4" x 5 3/4" x 4 1/2" High
Dimensions:	(22.86 cm x 14.605 cm x 11.43 cm)
Weight:	3.6 lbs. (1.63 kg)

Operational

Maximum speed:	3.7742 cm/min 0.004205 cm/hr
Minimum speed:	1,257 mL/hr with a B-D 60 mL syringe
Maximum pumping rate:	0.73 μ L/hr with a B-D 1 mL syringe
Minimum pumping rate:	35 lbs. at minimum speed, 18 lbs. at maximum speed
Maximum force:	0.100 to 50.00 mm
Syringe inside diameter range:	

Not for clinical use on humans

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