



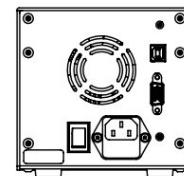
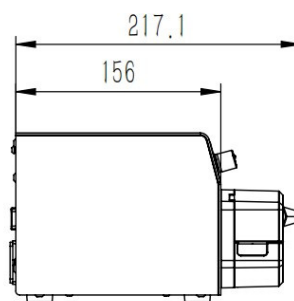
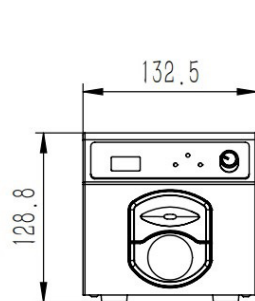
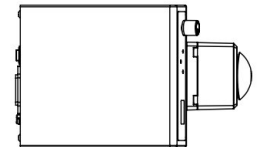
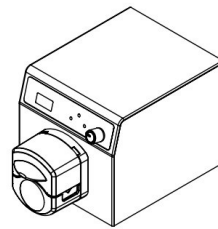
LABORATORY PUMPS

Model: 3003



FEATURES

Model 3003 is a self-contained compact Peristaltic Pump. It has a LED motor speed display and keypad. Use of Stepper Motor provides precise speed control. Flow rate from 0.08 to 365mL/min. Speed range from 0.1 to 300rpm and reversible function capability. 304 stainless steel housing.



Technical Specifications

Motor Type	Stepper Motor	Communication Interface	RS485/RS232 communication port
Speed Range	0.1-300rpm, reversible	Power Supply	110VAC (standard), 220VAC (optional)
Flow Rate Range	0.08-365mL/min	Dimensions	217.1mm x 132.5mm x 128.8mm (LxWxH)
Speed Resolution	0.1rpm	Weight	4.0 lbs
External Control	TTL pulse control start/stop, reverse level mode control start/stop, reverse 0-5V/4-20mA control speed	Condition Temperature	0-40°C
		Relative Humidity	< 80%
Display	OELD display	IP Rate	IP31

Model: 3003

Precision Peristaltic Pump



Model 3003: Speed/Flow Rate Reference

Pump Head	Channel Number	Tubing	ID x Wall Thickness (mm)	mL/rev	Speed (rpm)	Max Flow Rate (mL/min)
PP-606S	Single Channel	#13	0.8 x 1.6	0.033	0.1~300	10.03
		#14	1.6 x 1.6	0.187		56.09
		#19	2.4 x 1.6	0.371		111.17
		#16	3.1 x 1.6	0.636		190.76
		#25	4.8 x 1.6	1.219		365.69
PP-606D	Dual Channel	#13	0.8 x 2.4	0.033	0.1~300	10.03
		#14	1.6 x 2.4	0.187		56.09
		#19	2.4 x 2.4	0.371		111.17
		#16	3.1 x 2.4	0.636		190.76