



LABORATORY PUMPS **Model: 7000 Series**



Models: 7001, 7003, 7006

FEATURES

- ✓ Series 7000 Peristaltic Pumps are suitable for laboratory and industrial applications
- ✓ Flow rate up to 2280 mL/min
- ✓ High resolution 4.3 inch color LCD touch screen used to control all functions
- ✓ Transferring status, flow rate data, and setting parameters can be seen on the screen
- ✓ 3 working modes are available: Fixed Volume Metering, Fixed Time & Volume, Start & Stop Timer
- ✓ Designed for intelligent calibrate function for easy operation
- ✓ Available in 304 stainless steel housing for industrial/production areas



Models: 7001SS, 7003SS, 7006SS

Model: 7000 Series

Precision Peristaltic Pump



Models: 7001, 7003, 7006



Models: 7001SS, 7003SS, 7006SS

Technical Specifications

Flow Rate Range	7001/7001SS: 0.000166~570mL/min 7003/7003SS: 0.000166~1330mL/min 7006/7006SS: 0.000166~2280mL/min	Keypad Lifetime	300,000 times
	Speed Range	0.1-600rpm	Start/Stop Direction Signal
Speed Resolution		0.01rpm	Output Interface
Dispensing Volume Range	0.01-9999.99mL	Power Supply	110VAC (standard) 220VAC (optional)
Dispensing Volume Resolution	0.01mL		Outlet Pressure
Dispensing Time	0.5-9999.99s	Drive Dimension L x W x H (mm)	7000 Series: 261.4 x 157.3 x 236.9 7000SS Series: 219.6 x 152 x 211.6
Pause Time	0.5-9999.99s		Drive Weight (kg)
Time Resolution	0.01s	Power Consumption	
Copy Numbers	1-9999 numbers, setting '0' means unlimited	Condition Temperature	0-40°C
Back Suction Angle	0-360°	Relative Humidity	< 80%
Dispensing Accuracy	< ±0.5%	IP Rate	IP31
Motor Type	Stepper Motor		
Display	Industrial-grade 4.3" LCD color display		
Control Method	Touch screen and mechanical keypad		

Product Composition and Flow Rate Range

Model Number	Speed	Pump Head: PSF	Pump Head: PPS
		Tubing: #13, #14, #19, #16, #25, #17, #18	Tubing: #15, #24
7001/7001SS	1-150rpm	0.007~570 mL/min	1.7~435 mL/min
7003/7003SS	1-350rpm	0.007~1330 mL/min	1.7~1015 mL/min
7006/7006SS	1-600rpm	0.007~2280 mL/min	1.7~1740 mL/min