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Separate motor and wall-mount controller. UL, cUL, CE listed. Washdown; IP 55, IP 56 rated.

Product Specifications

Thermo Scientific Masterflex® I/P Washdown Modular Systems



Washdown Modular System 950-1010 includes an EASY-LOAD® pump head

Product Benefits

- Convenient modular style; mount wash-down controller and motor in separate locations.
- Wide flow control range (over 30:1 turndown).
- Reversible motor allows pumping in either direction for easy purging.
- Remote speed control.
- Wall-mount controller features a NEMA 13 (IP 55) enclosure; motor features a (IP 34) enclosure.
- Manual controls on front of the controller.
- Single-turn, solid-state potentiometer.
- 7.3 m (24 ft) weather-resistant cable connects motor and controller for easy setup.



Flow ranges, LPM (GPM)

Motor rpm	Masterflex I/P Precision Tubing Sizes			I/P High-Performance Precision Tubing Sizes*		
	I/P 26	I/P 73	I/P 82	I/P 70	I/P 88	I/P 89
20 to 650	0.12 to 4.0 (0.03 to 1.0)	0.2 to 8 (0.05 to 2.1)	0.4 to 13 (0.01 to 3.5)	0.26 to 8.0 (0.07 to 2.1)	0.40 to 13.0 (0.11 to 3.4)	0.52 to 17 (0.14 to 4.5)

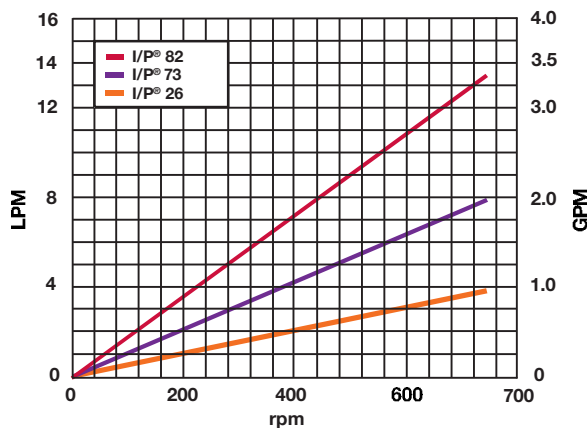
*Use High-performance precision tubing with High-Performance pump head only.

Specifications & Ordering Information

Catalog Number	950-1010	950-1015	960-1010	960-1015
Includes pump head	EASY-LOAD		High-Performance	
Number of heads accepted	2		1	
rpm	20 to 650			
External control, input	4 to 20 mA, on/off and speed control			
Voltage (50/60 Hz)	90 to 130 V AC	190 to 260 V AC	90 to 130 V AC	190 to 260 V AC
Motor type	Continuous duty, TENV ¹ , permanent magnet DC			
Speed control type	Single-turn potentiometer, SCR			
Speed regulation (repeatability)	±0.3% (±2%)			
Operating temperature	0 to 40°C (32 to 104°F)			
Storage temperature	-45 to 65°C (-49 to 149°F)			
IP rating	Controller: IP55; Motor: IP34			
Agency approvals	UL, cUL, CE			
Controller dimensions (L x W x H)	25.8 x 23.3 x 12.9 cm (9 7/8 x 9 1/16 x 5")			
Motor footprint dimensions (L x W x H)	35.9 x 14.1 x 15.2 cm (14 1/8 x 5 1/16 x 6")			
Shipping weight	14.1 kg (31 lb)			

¹Totally enclosed, non-ventilating.

Flow Curves
I/P® Easy-Load® Pump



Flow Curves
I/P® High-Performance Pump

