

# Thermo Scientific Masterflex® I/P®

## Hazardous-Duty Pumps



Hazardous-duty pump  
960-1730 includes a  
High-Performance  
pump head



Hazardous-duty pump  
950-1730 includes an  
Easy-Load® pump head

- Flow rates from 0.12 to 17 LPM (0.03 to 4.5 GPM)
- 115 VAC motor is UL-listed for Class 1, Group D, Division 1 hazardous locations
- Ideal for areas that require special electrical precautions
- Fully mechanical speed control— safer than electrical
- Locking knob to maintain speed
- Greater than 15:1 mechanical turndown



Motor rpm	Masterflex® I/P precision tubing sizes			Masterflex® 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
10 to 430*, 10 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.



Catalog number	Hazardous-duty pumps	
	950-1730	960-1730
Pump head type	Easy-Load®	High-Performance
Number of heads accepted	2	1
rpm	10 to 430	
Voltage (50/60 Hz)	115 VAC	115 VAC
Motor type	1725 rpm AC	
Speed control type	Mechanical (zero max) with lever	
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	IP55	
Agency approvals	UL†	CE
Dimensions (L x W x H)	56.0 x 34.6 x 22.3 cm	(22 1/16" x 13 3/8" x 8 3/4")
Shipping weight	29 kg (64 lb)	30 kg (66 lb)

†Motor is UL-listed for class I, Group D hazardous locations.

