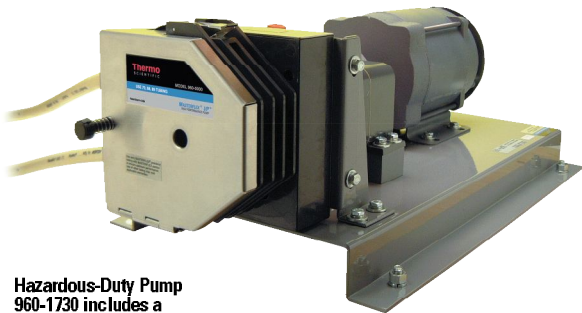


# Thermo Scientific Masterflex® I/P Hazardous-Duty Pumps

Ideal for areas that require special electrical precautions.



Hazardous-Duty Pump 950-1730 includes an EASY-LOAD® pump head



Hazardous-Duty Pump 960-1730 includes a High-Performance pump head

## Product Benefits

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



## Flow ranges, LPM (GPM)

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)

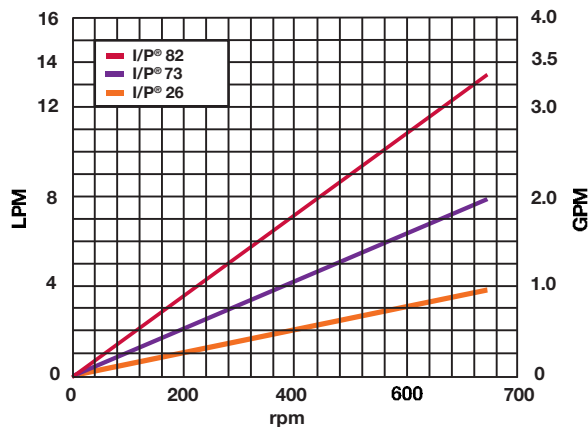
\*Use High-Performance precision tubing with High-Performance pump head only.

## Specifications & Ordering Information

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 V AC	115 V AC
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 <sup>1</sup>	CE
Dimensions (L x W x H)	56.0 x 34.6 x 22.3 cm	(22 <sup>1</sup> / <sub>16</sub> " x 13 <sup>3</sup> / <sub>16</sub> " x 8 <sup>3</sup> / <sub>4</sub> " )
Shipping weight	29 kg (64 lb)	30 kg (66 lb)

<sup>1</sup>Motor is UL-listed for Class I, Group Division I hazardous locations.

**Flow Curves**  
I/P® Easy-Load® Pump



**Flow Curves**  
I/P® High-Performance Pump

