

MPB SERIES 1200H HYGIENIC FLOWMETER

GENERAL INFORMATION

The MPB Series 1200H Hygienic Flowmeter is manufactured from stainless steel throughout, with the exception of fully stress relieved flow tube. The flow tube is calibrated with a permanently fired black scale and can be supplied with a white backing if required.

The unit is easily removed from the line with Triclamp stainless steel connections where the flowmeter can easily be cleaned.

For protection, the 1200H Hygienic Flowmeters are fitted with a tubular, virtually unbreakable, polycarbonate safety covers.

A wide range of flow tubes are available and MPB can calibrate and scale tubes to customers' requirements.

The MPB Long Series 1200HL Hygienic Flowmeter has a flow tube length of 295mm, is for use where high resolution scale accuracy is required.

The 1200H Hygienic Flowmeter has a flow tube length of 138mm.

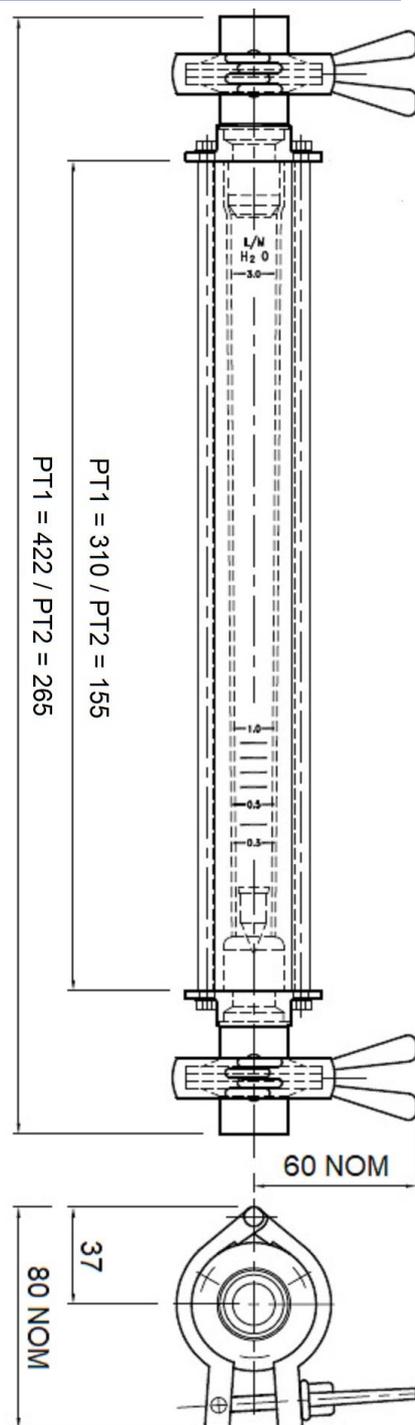


MPB SERIES 1200H FEATURES

- TWO STANDARD LENGTHS AVAILABLE
 - RANGE OF STANDARD FLOW RATES
- STANDARD OR CUSTOMISED FLOW SCALES
- TUBULAR POLYCARBONATE SAFETY COVER
- STAINLESS STEEL TRICLAMP CONNECTIONS
- DIRECT READING OF INSTANTANEOUS FLOW RATE
 - FRICTIONLESS, HENCE LOW HEAD LOSS
 - EASY TO READ SCALE
- EASY IN-SITU FLOWMETER REMOVAL AND RE-INSTALLATION
 - MINIMAL MAINTENANCE AND LONG SERVICE LIFE

MPB SERIES 1200H HYGIENIC FLOWMETER

End Connections:	Stainless steel 25mm Triclamp Hygienic fittings
Cover:	Polycarbonate
Seals:	Nitrile, Viton, EPDM, etc
Metering Tube:	Borosilicate glass (138mm and 295mm long)
Scale:	Permanently fired black ceramic
Plumb Bob Floats:	Stainless steel
Ball Floats:	Glass, Stainless steel, Ceramic, Ruby, Tungsten
Weight:	570/670 grams (standard)
Maximum Working Pressure:	Liquid: up to 20 bar g (non-shock)
Maximum Working Temperature:	60°C Nitrile 100°C Viton
Accuracy:	± 5% FSD predicted ± 2% FSD series - calibrated



STANDARD RANGES

1200H SERIES 138mm TUBE LENGTH	1200HL LONG SERIES 285mm TUBE LENGTH
S.G.1 20°C 1 cPs	S.G.1 20°C 1 cPs
FLUIDS	FLUIDS
5 – 50cc/min	5 – 50cc/min
10 – 100cc/min	10 – 100cc/min
25 – 250cc/min	25 – 250cc/min
50 – 500cc/min	50 – 500cc/min
0.1 – 1 L/min	0.1 – 1 L/min
0.2 – 2 L/min	0.2 – 2 L/min
0.3 – 3 L/min	0.3 – 3 L/min
0.5 – 5 L/min	0.5 – 5 L/min
0.75 – 7.5 L/min	1 – 10 L/min
1 – 10 L/min	

Customised flow ranges are available. Please consult MPB Industries to select the required flow range for the process fluid.

MPB Industries Ltd - Designers and Manufacturers of Scientific and Process Control Instrumentation

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