

## MPB SERIES 1200H HYGIENIC FLOW METER

The MPB Series 1200H 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 when the flowmeter can easily be cleaned.

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

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

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

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

### SERIES 1200 FEATURES

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



## SERIES 1200H HYGIENIC FLOWMETER

<p>Chassis: Anodised aluminium to BSEN12373/AA25</p> <p>End Connections: Stainless steel 25mm Triclamp Hygienic fittings</p> <p>Cover: Polycarbonate</p> <p>Seals: Nitrile, Viton, or to customer specification</p> <p>Metering Tube: Borosilicate glass (138mm and 295mm long)</p>	<p>Plumb Bob Floats: Stainless steel</p> <p>Ball Floats: Glass, Stainless steel, Ceramic, Ruby, Tungsten</p> <p>Weight: 570/670 grams (standard)</p> <p>Maximum Working Pressure: Liquid: up to 20 bar g (non shock)</p> <p>Maximum Working Temperature: 60°C Nitrile 100°C Viton</p> <p>Accuracy: ± 5% FSD predicted ± 2% FSD series calibrated</p>
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### STANDARD RANGES

1200H SERIES 138mm TUBE LENGTH	1200HL LONG SERES 295mm TUBE LENGTH
S.G.1 20°C 1 cPs	S.G.1 20°C 1 cPs
FLUIDS	FLUIDS
5.0 – 50 cc/min 10 – 100 cc/min 25 – 250 cc/min 50 – 500 cc/min 0.1 – 1.0 L/min 0.2 – 2.0 L/min 0.3 – 3.0 L/min 0.5 – 5.0 L/min 0.75– 7.5 L/min 1.0 – 10.0 L/min	5 – 50 cc/min 10 – 100 cc/min 25 – 250 cc/min 50 – 500 cc/min 0.1 – 1.0 L/min 0.2 – 2.0 L/min 0.3 – 3.0 L/min 0.5 – 5.0 L/min 1.0 – 10 L/min

Customised flow ranges are available. Please consult BES Flowmeters to select the required flow range for the process fluid used.

Due to the constant development and improvement of products, information may be altered or withdrawn without notice.