

MPB SERIES 1700 VARIABLE AREA FLOWMETER

The MPB Series 1700 Variable Area Flowmeter offers an economical solution for the instantaneous reading of a wide range of flows including most process gases and liquids. The MPB Series 1700 Variable Area Flowmeter is ideally suited where highly corrosive mediums are being metered, ie sodium hypochlorite, saturated brine solutions, etc.

Suitable for in-line, or front of panel mounting. Full rear of panel mounting kit available, complete with bezel and all fittings.

SERIES 1700 FEATURES

- * ECONOMICAL COST
- * STANDARD CONNECTIONS INCLUDE STAINLESS STEEL, RIGID PVC, OR TO CUSTOMERS' SPECIFICATION
- * HIGHLY COMPATIBLE WITH A WIDE RANGE OF PROCESS GASES AND LIQUIDS
- * DIRECT READING OF INSTANTANEOUS FLOW RATE
- * WIDE VARIETY OF FLOW RANGES AVAILABLE
- * ROBUST DESIGN
- * INTEGRAL POLYCARBONATE SAFETY COVER
- * SUITABLE FOR IN-LINE MOUNTING
- * EASY IN-SITU TUBE REMOVAL
- * LONG SERVICE LIFE
- * LOW HEAD LOSS
- * EASILY READ SCALE
- * HIGH TEMPERATURE VERSION AVAILABLE
- * FULL REAR OF PANEL MOUNTING KIT AVAILABLE



1700 VARIABLE AREA FLOWMETER

Chassis:	Anodised aluminium to BSEN12373/AA25	Plumb Bob Floats:	Hard anodised aluminium, Stainless steel, RPVC, PEEK, or glass filled PTFE
End Connections:	Rigid PVC, or Stainless steel	Ball Floats:	Glass, Stainless steel, Ceramic, Ruby, Tungsten
Process Connections:	1/4", 3/8" & 1/2" BSPPF	Weight:	700 grams (typical)
Cover:	Polycarbonate	Maximum Working Pressure:	Gas: 20 bar g (non shock) Liquid: 20 bar g (non shock)
Seals:	Nitrile or Viton	Maximum Working Temperature:	60°C Nitrile 100°C Viton
Metering Tube:	Fully stress relieved Borosilicate glass	Accuracy:	± 5% FSD predicted ± 2% FSD calibrated scales
Scale:	Permanently fired (black)		

STANDARD RANGES

AIR @ 1013 mbar abs 20°C	WATER @ 20°C
25 – 250 cc/min	5.0 – 50 cc/min
50 – 500 cc/min	10 – 100 cc/min
0.1 – 1.0 L/min	25 – 250 cc/min
0.2 – 2.5 L/min	50 – 500 cc/min
0.5 – 5.0 L/min	0.1 – 1.0 L/min
1.0 – 10 L/min	0.2 – 2.0 L/min
1.5 – 15 L/min	0.3 – 3.0 L/min
2.5 – 25 L/min	0.5 – 5.0 L/min
5.0 – 50 L/min	0.7 – 7.5 L/min
10 – 100 L/min	1.0 – 10 L/min
15 – 150 L/min	

Due to the constant development and improvement of products, information may be altered or withdrawn without notice.