

SERIES 1700 VARIABLE AREA FLOWMETER

GENERAL INFORMATION

The 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 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 CUSTOMER'S SPECIFICATION
- HIGHLY COMPATIBLE WITH A WIDE RANGE OF PROCESS GASES AND LIQUIDS
- DIRECT READING OF INSTANTANEOUS FLOW RATE
- 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
- FULL REAR OF PANEL MOUNTING KIT AVAILABLE, MPBTB 048

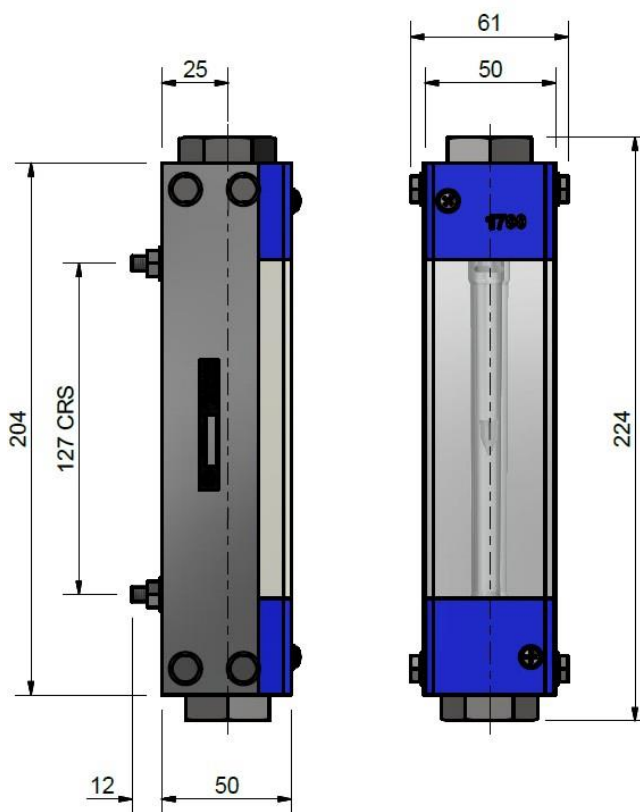


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<p>Chassis: Anodised aluminium to BSEN12373/AA25</p> <p>End Connections: Rigid PVC, or 303 Stainless steel</p> <p>Process Connections: 1/4", 3/4" & 1/2" BSPFF</p> <p>Cover: Polycarbonate</p> <p>Seals: Nitrile, Viton, EPDM, etc</p> <p>Metering Tube: Fully stress relieved Borosilicate glass</p> <p>Scale: Permanently fired black ceramic</p>	<p>Plumb Bob Floats: Hard anodised aluminium, 316 Stainless steel, RPVC, PEEK or glass filled PTFE</p> <p>Ball Floats: Glass, 316 Stainless steel, Ceramic, Ruby, Tungsten</p> <p>Weight: 700 grams (typical)</p> <p>Maximum Working Pressure: Gas: up to 20 bar g (non-shock) Liquid: up to 20 bar g (non-shock)</p> <p>Maximum Working Temperature: 60°C, Nitrile 100°C Viton</p> <p>Accuracy: □ 5% FSD for predicted scales □ 2% FSD for calibrated scales</p>
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STANDARD RANGES

AIR @ 1013 mbar abs 20°C	WATER @ 20°C
25 - 250cc/min	5 - 50cc/min
50 - 500cc/min	10 - 100cc/min
0.1 - 1 L/min	25 - 250cc/min
0.2 - 2.5 L/min	50 - 500cc/min
0.5 - 5 L/min	0.1 - 1 L/min
1.0 - 10 L/min	0.2 - 2 L/min
1.5 - 15 L/min	0.3 - 3 L/min
2.5 - 25 L/min	0.5 - 5 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	



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

Due to the constant development and improvement of products, information may be altered or withdrawn without notice.