

## MPB SERIES 7200 VARIABLE AREA FLOWMETER

The standard MPB Series 7200 Variable Area Flowmeter has been designed to offer an economical solution for liquid flow measurements up to 1M<sup>3</sup>/min (1000 L/min, 60M<sup>3</sup>/hr).

Can be supplied with either BSP, or metric solvent socket weld connections.

See technical bulletin MPBTB 088, 7200A for alarm version.

### SERIES 7200 FEATURES

- \* EXCELLENT VALUE AND QUALITY
- \* SUPPLIED IN FIVE LENGTHS
- \* HIGH FLOW RATES UP TO 1000 L/min H<sub>2</sub>O (60M<sup>3</sup>/hr)
- \* DIRECT READING OF INSTANTANEOUS FLOW RATES
- \* ROBUST DESIGN
- \* EASILY READ SCALE
- \* ABS THREADED CONNECTIONS
- \* SOCKET WELD CONNECTIONS
- \* THE FLOW TUBE ASSEMBLY CAN EASILY BE REMOVED FROM THE FLOWMETER FOR CLEANING
- \* EASY INSTALLATION AND REMOVAL FROM PROCESS LINE
- \* GUIDED FLOATS TO GIVE VERY STABLE READINGS
- \* MATERIALS OF CONSTRUCTION OFFER WIDE COMPATIBILITY WITH A RANGE OF PROCESS MEDIUMS
- \* GOOD STANDARD WORKING PRESSURE RATINGS (UP TO 20 bar g)
- \* SCALES SUITABLE FOR 7 YEAR EXPOSURE TO DIRECT SUNLIGHT
- \* 10:1 TURN DOWN
- \* GOOD STANDARD CORROSION RESISTANCE



## 7200 VARIABLE AREA FLOWMETER

End Connection: Grey ABS

Seals: Viton

Metering Tube: Clear SAN

Float: Stainless Steel 316

Guide Rod: Stainless Steel 316

Weight: 20mmØ - 120g

32mmØ - 1.0kg

40mmØ - 2.0kg

63mmØ - 3.0kg

75mmØ - 4.0kg

Maximum Working Temperature: 60°C

Maximum Working Pressure: up to 20 bar g

Accuracy: ± 5% FSD predicted

## STANDARD STOCK RANGES

| RANGE (water 20°C) |          |        | SIZE (mm)      | CONNECTIONS |                 |
|--------------------|----------|--------|----------------|-------------|-----------------|
| L/hr               | L/min    | USGPM  | Overall Length | Thread BSPP | Socket Dia (mm) |
| 40-400             | 0.7-7    | -      | 200            | G½"         | 20              |
| 50-500             | 1-10     | -      | 200            | G½"         | 20              |
| 100-1000           | 2-20     | 0.4-4  | 230            | G¾"         | 32              |
| 150-1500           | 2.5-25   | 0.7-7  | 230            | G¾"         | 32              |
| 250-2500           | 5-50     | 1.0-10 | 230            | G¾"         | 32              |
| 400-4000           | 6-60     | 1.6-16 | 290            | G1"         | 40              |
| 600-6000           | 10-100   | 2.5-25 | 290            | G1"         | 40              |
| 1-10 M3/H          | 16-160   | 4-40   | 350            | G1½"        | 63              |
| 1.6-16 M3/H        | 25-250   | 7-70   | 350            | G1½"        | 63              |
| 5-25 M3/H          | 40-400   | 10-100 | 430            | G2"         | 75              |
| 8-40 M3/H          | 130-650  | 30-170 | 430            | G2"         | 75              |
| 12-60 M3/H         | 200-1000 | 50-260 | 430            | G2"         | 75              |

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

