

Shotcrete & Grout Flowmeters



MFS15-D

- Ideal for shotcrete applications.
- 15mm electromagnetic flowmeter.
- Obstructionless bore – nothing to block.
- LCD backlit display shows Flowrate and resetable Total.
- Pulse & 4-20mA output.
- ANSI-150 flanged.
- Teflon liner. Hastelloy-C electrodes.
- IP65 sensor and transmitter. Sensor pottable to IP68 protection.
- Flowrange @ $\pm 2\%$ accuracy: 0.5 – 106 Litres/min.
- For liquid conductivity $\geq 5\mu\text{S/cm}$.
- 11 - 40VDC powered.

For grout applications, can use 25mm electromagnetic flowmeter, flowrange @ $\pm 2\%$ accuracy: 1.5 – 295 Litres/min, being either **MFS25-D** or **PMS25-D** (11-40VDC, 17-27Vac powered) or **MFS25** or **PMS25** (90-260vac powered).

PMS15-D

- Ideal for shotcrete applications.
- 15mm electromagnetic flowmeter.
- Obstructionless bore – nothing to block.
- Pulse & 4-20mA output.
- LCD backlit display shows Flowrate and optionally resetable Total.
- ANSI-150 flanged, PTFE liner, for sizes $\geq 15\text{mm}$; Wafer, PFA liner, for sizes $< 15\text{mm}$.
- Hastelloy-C4 electrodes.
- IP65 sensor and transmitter. Sensor pottable to IP68 protection.
- Flowrange @ $\pm 2\%$ accuracy: 0.5 – 106 Litres/min.
- For liquid conductivity $\geq 5\mu\text{S/cm}$.
- 18 – 30 VDC powered (also available as 90 - 250 vac version).

Integral version

Remote version



ManuFlo [®]TM

Flow Measurement & Control Products

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Shotcrete & Grout Flowmeters



For a
resetable, remote,
larger screen Total,
use with



MM8

- For shotcrete applications.
- Very compact. Light weight. IP67.
- 8mm bore,
15mm BSP (male) threaded ends.
- Flowrange: 0.1 - 25 Litres/min.
- Can set up the 4-digit LED display to show either Flowrate (Litres/min) or non-resetable Litres Total.
- 20 pulses/Litre & 4-20mA output.
- For liquid conductivity $\geq 20\mu\text{S/cm}$.

FRT303-B Indicator

- LCD shows **Flowrate, resetable Total and Grand Total.**
- Programmable.
- internal Lithium battery (5 -10 year battery life).
- IP65 enclosure.

MES20LCD5DP series for Shotcrete chemicals only

- **20mm resetable flowmeter.**
- **Ideal for batching.**
- 5-digit LCD shows total Litres to 1 decimal place.
- Closing lid resets Litres count.
- Flowrange @ $\pm 1.5\%$ accuracy: 1.5 - 75 Litres/min.
- Nutating-disc type replaceable measuring chamber.
- Internal Lithium battery powered
- Options:
 - * Ryton chemically resistant measuring chamber;
 - * Teflon-coated body.
 - * **also available as MES20LCD5DP-F flowrate version.**



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