

## Series M METERS 25 to 3,000 l/min · ±0.2 % 1 1/2" to 6"

Liquids:  **Diesel**

- The M series meter is a positive displacement meter for liquids. It is designed for liquid measurement both in transfer and process control. Because of its design, it is easy to keep and can suit a wide range of applications.
- The M series rotary flow meter has a simple and efficient design consisting of a housing and three rotors that rotate in unison (at the same time) within the measuring chamber.
- The absence of wear, from no metal-to-metal contact inside the chamber, eliminates any deterioration in accuracy and provides a long service life.
- The rotors are composed of bearings inserted into two bearing plates, where at the end of each rotor shaft there is a timing gear. The timed rotation between each rotor is then transferred through the calibration adjuster to the register, which gives a consistent and superior measurement of accuracy.

### FEATURES

- It has built in an air eliminator.
- The excellent stepless adjusting device allows a micro-adjustment of the meter.
- High accuracy and repeatability over the widest range of flow, superior accuracy at constant flow;
- Low maintenance, no metal-to-metal contact in measuring chamber; long life service;
- Accuracy regardless of the pressure fluctuations, temperature variation, viscosity;
- Aluminium body, Viton seal;
- Standard measurement in Litres / US GAL / IMP GAL (please, ask for it when ordering);
- It is available its pulser version;
- It includes a strainer with a mesh of 80/170 µm (micron).

### OPTIONAL

- Pulser
- Mechanical predeterminer + cut-off valve
- Mechanical predeterminer + cut-off valve + printer



#### M-40 · HIGH FLOW MECHANICAL METER

808318005

- Flow: 25-250 l/min
- Volume per round: 0.309 L
- Size: 1 1/2"
- Working temperature: -40 °C · 71 °C
- Max. pressure: 10 bar
- Accuracy: 0.2 %
- Repeat: < 0.07 %
- Packing size: 510x460x490 mm
- Gross weight: 25 kg

#### M-50 · HIGH FLOW MECHANICAL METER

808318004

- Flow: 55-550 l/min
- Volume per round: 0.681 L
- Size: 2"
- Working temperature: -40 °C · 71 °C
- Max. pressure: 10 bar
- Accuracy: 0.2 %
- Repeat: < 0.07 %
- Packing size: 510x460x490 mm
- Gross weight: 28 kg

#### **M-80 · HIGH FLOW MECHANICAL METER**

808318003

- Flow: 115-1,150 l/min
- Volume per round: 1.839 L
- Size: 3"
- Working temperature: -40 °C · 71 °C
- Max. pressure: 10 bar
- Accuracy: 0.2 %
- Repeat: < 0.07 %
- Packing size: 580x500x610 mm
- Gross weight: 47 kg

#### **M-100 · HIGH FLOW MECHANICAL METER**

808318002

- Flow: 170-1700 l/min
- Volume per round: 5.102 L
- Size: 4"
- Working temperature: -40 °C · 71 °C
- Max. pressure: 10 bar
- Accuracy: 0.2 %
- Repeat: < 0.07 %
- Packing size: 760x640x720 mm
- Gross weight: 93 kg

#### **M-150 · HIGH FLOW MECHANICAL METER**

- Flow: 300-3,000 l/min
- Volume per round: 9.507 L
- Size: 6"
- Working temperature: -40 °C · 71 °C
- Max. pressure: 10 bar
- Accuracy: 0.2 %
- Repeat: < 0.07 %
- Packing size: 800x650x790 mm
- Gross weight: 180 kg

\*Available with mechanical register, pulser or electronic display [GE](#)