



OPTIONAL  
with mechanical predeterminer + cut-off valve



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, register in gallons and litres.
- It includes a strainer with a mesh of 80/170 µm (micron).

**OPTIONAL**

- Pulser
- Mechanical predeterminer + cut-off valve

	<b>M-40</b> <b>808318005</b>	<b>M-50</b> <b>808318004</b>	<b>M-80</b> <b>808318003</b>	<b>M-100</b> <b>808318002</b>
Flow	25-250 l/min	55-550 l/min	115-1,150 l/min	170-1,700 l/min
Volume per round	0.309 L	0.681 L	1.839 L	5.102 L
Size	40 mm / 1 1/2"	50 mm / 2"	80 mm / 3"	100 mm / 4"
Working temperature	-40 °C · 71 °C	-40 °C · 71 °C	-40 °C · 71 °C	-40 °C · 71 °C
Max. pressure	10 bar / 150 PSI	10 bar / 150 PSI	10 bar / 150 PSI	10 bar / 150 PSI
Accuracy	0.2%	0.2%	0.2%	0.2%
Repetitivity	≤ 0.07 %	≤ 0.07 %	≤ 0.07 %	≤ 0.07 %
Packaging size	510x460x490 mm	510x460x490 mm	580x500x610 mm	760x640x720 mm
Gross weight	25 kg	28 kg	47 kg	93 kg