



Badger Meter Europa

UH-M

Inline meter for thick lubricants in non-custody transfer applications



Features

- Rugged
- Easy to read
- Can be used in difficult environments
- Ergonomical
- Easy mechanical construction
- Easy to use

Description

The line meter model UH is used in the automotive industry for the measurement of motor and gear oil. This is truly a universal meter, adaptable to a variety of applications, unsurpassed for accuracy, ruggedness and light weight. This is a volumetric meter. Each oscillation of the piston equates to a given amount of fluid. Controlled clearance between the piston and chamber wall insure minimum leakage. Housing, metering chamber and oscillating piston are made of cast aluminium. A filter placed in the inlet port traps air and foreign particles thus avoiding disturbances in the metering chamber. Input is always on the backside.

Applications

Measurement of thick lubricants in non-approved applications of the automotive industry and modern garages. Typical fluids are motor oil, gear oil, anti-freeze and other similar fluids.

CAUTION

The use of meters in applications other than those described in this material may result in inaccuracy and possible meter failure. This meter is designed for petroleum-based products. It is also important that fluids be properly filtered before entering the meter. Foreign particles will cause inaccuracy as well as possible malfunction of the meter. Warranties are void in the circumstances described above.

Technical data

Range	R 1/2"
Flow*	1 - 15 l/min
Accuracy	± 0,8% over the whole flow range
Nominal pressure	70 bars
Operating temperature	70 °C
Viscosity range	50 - 50.000 mPas
Weight	1,0 kg
Dial (available in German, English or French) large / small pointer	1/10 liters or 1/10 liters
Totalizer	4 digits - 9999 l
Pressure loss at Qmax	2 bar
Protection class	IP 67

* Tested with Mobil DTE 25 motor oil. Min-Max flow rates and pressure loss will vary with fluid viscosity.

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