

SKU TT10AB

FILL-RITE TT10AB In-Line Digital Turbine Meter

In-line turbine meter with a 1 in BSPP aluminium body and a 4 digit LCD. It reads in ounces, pints, quarts, litres or gallons, runs on two AA batteries and has intrinsically safe electronics.


8 to 132 L/min

Flow rate range

±1.0%

Accuracy, after field calibration

1 in BSPP

Inlet and outlet ports

Key features

- Flow range 8 to 132 L/min (2 to 35 US GPM)
- Repeatability ±0.30% on batch sizes of 2 US gallons or more
- Measures ounces, pints, quarts, litres or gallons
- Intrinsically safe electronics, marked Ex ia IIA T4 Ga
- Totaliser to 90,000,000 units, batch to 9999 units
- Totals and calibration are kept when batteries are replaced



Technical data

SPECIFICATION	VALUE
Order codes	TT10AB
Flow range	8 to 132 L/min (2 to 35 US GPM)
Accuracy	±1.0% after field calibration
Repeatability	±0.30% on batch sizes of 2 US gallons or more
Working pressure	50 psi (3.4 bar) max, UL Burst 300 psi (20.7 bar)
Connections	1 in BSPP female inlet and outlet
Fluids	Petrol, diesel, kerosene, heptane
Display	4 digit LCD. Ounces, pints, quarts, litres or gallons
Totaliser	0 to 90,000,000 units. Batch 0.00 to 9999 units
Power	2 x AA alkaline (Duracell MN1500 or QU1500, Energizer E91)
Hazardous area	Ex ia IIA T4 Ga. DEMKO 16 ATEX 1787X. IECEx UL 16.0147X
Wetted materials	304/316 stainless steel, aluminium, acetal, gold
Operating temperature	-40 to 60 °C
Meter weight	425 g

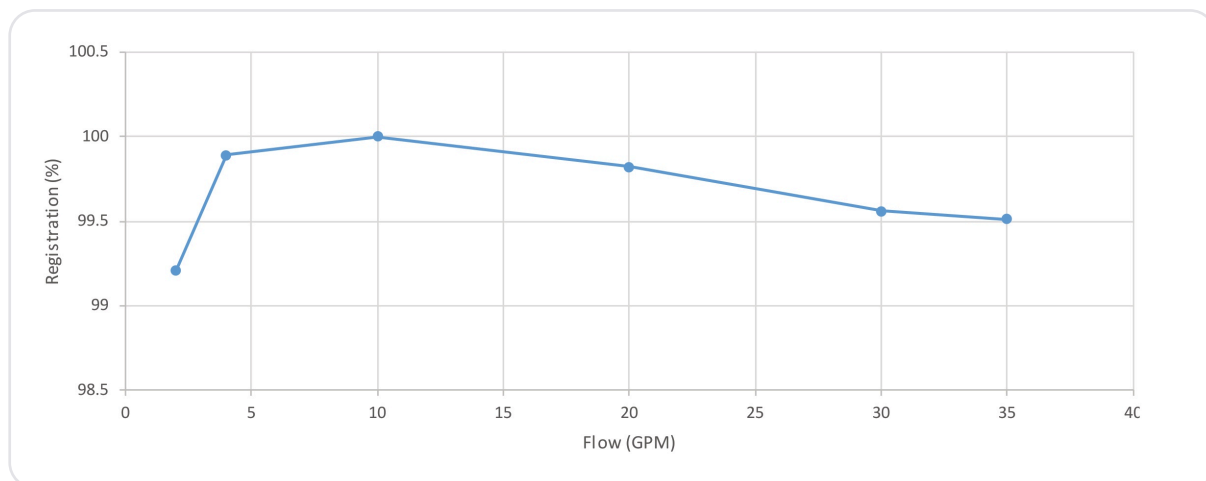
Installation and use

Do not exceed 50 psi internal meter pressure, and do not fit an extra foot or check valve without a pressure relief valve.





Performance



Typical accuracy, registration (%) against flow (US GPM), on a 2 cSt fluid at 70 °F. Fill-Rite data.

