

TM100 TURBINE METER

INTRODUCING THE NEW TM100 1" TURBINE METER FROM MACNAUGHT

Macnaught is an internationally acclaimed meter manufacturer. The new TM100 turbine flowmeter is an expression of decades of engineering excellence. Designed and manufactured by Macnaught, the turbine flowmeter has an excellent turndown ratio and is factory calibrated for precise measurement of low viscosity fluids. The low pressure drop and high pressure rating allows the turbine meter range to be used in gravity, pump and inline applications.

FEATURES

- Available in LCD (TM100) and pulse (TM100P) versions
- High accuracy (better than $\pm 3\%$ of reading)
- Excellent turndown ratio: 28:1
- Robust aluminium construction and fully sealed against dust and water splash
- Flow linearisation (display version)
- Field programmable
- Easy to read and operate resettable six-digit display with ability to show batch, reset total, non-reset total and rate of flow
- Average battery life 2 years (2 x AAA alkaline)
- Protective Boot standard on LCD version –
Optional coloured boots available: red, blue, yellow, black and green.
- 1 year warranty
- 10 year spare parts availability

SPECIFICATIONS

Port Size:	1" BSPT / NPT
Wetted Materials:	Aluminium, Tungsten, Ceramic, Derlin.
Maximum Pressure:	300 psi / 20.6 BAR / 2068 kPa
Flow:	7 to 200 L/min (1.8 to 52.8 USG/min)
Accuracy:	better than $\pm 3\%$ of reading
Fluid Compatibility:	to suit materials of construction

TM100 DISPLAY

Digits:	12mm size and maximum of 6 digit display
Decimals:	Selectable 0 to 3
Totals:	Batch / Reset Total / Non Reset Total / Rate

TM100P PULSE

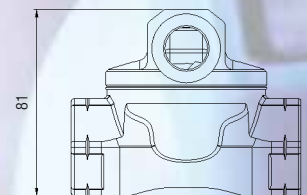
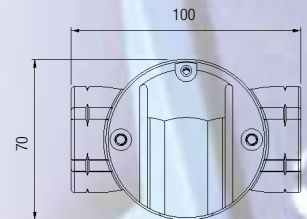
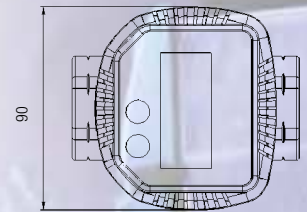
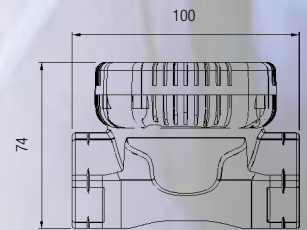
Operating Voltage:	10 to 30 VDC
Polarity protection:	YES
Output:	Open collector, maximum 1Watt peak (unfactored)
Connection:	Terminal strip on the PCB



TM100 DISPLAY VERSION



TM100P PULSE VERSION



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