

MECHANICAL & ELECTRONIC FLOW METERS
Tuthill 900 Series Meter & Turbine Digital Meter

Diesel *Water* *Chemicals*



1 1/2" METER

Diesel

CODE

TUTHILL 900 SERIES 1.5"

ROBUST WEATHERPROOF ALUMINIUM HOUSING WITH GLASS FILLED POLYESTER GEARS AND CHAMBER. WELL PROVEN NUTATING DISC DESIGN. LARGE 8 DIGIT TOTALISER. SELF LUBRICATING OPERATION. MAXIMUM OPERATING PRESSURE 50 PSI. LARGE, EASY TO READ 4 DIGIT REGISTER SHOWS A FULL 9999 LITRES. CAPACITY 25 TO 180 LITRES PER MINUTE.

1 1/2" BSP Litre

OE 0048



TURBINE DIGITAL METER

Diesel *Water* *Chemicals*

WATER AND FUEL VERSIONS

SIMPLE, RELIABLE, SMALL, ECONOMICAL. THESE METERS ARE EASY TO INSTALL EITHER IN LINE OR AT THE END OF THE DELIVERY HOSE AND ARE PROVIDED WITH AN EASY TO READ COMPACT DISPLAY. IT IS POSSIBLE TO INSTALL THE METER DIRECTLY ON THE NOZZLE AND YOU CAN FORGET ABOUT STRAINING TO SEE READOUT SEVERAL METRES AWAY. A RUGGED HOUSING AND SEALED ELECTRONIC BOARD PROVIDE DURABLE USE IN ALMOST ANY CONDITIONS. TWO EASY TO REPLACE BATTERIES POWER THE SMALL MICROPROCESSOR FOR A LONG TIME.

PERFORMANCES

- ACCURACY +/- 3% WITHIN THE FLOW RATE RANGE
- REPEATABILITY 0.5 %
- OPERATING TEMPERATURE RANGE -10 / 50°C
- PRESSURE DROP < 0.15 BAR AT 100 L/MIN
- BATTERY LIFE 3 YEARS

CONSTRUCTION FEATURES

- TURBINE MEASURING SYSTEM
- TURBINE MADE IN NYLON
- ALIGNED THREADED INLET/OUTLET
- PULSE SIGNAL TYPE: REED SWITCH SINGLE CHANNEL
- ELECTRONIC CARD WITH LCD:
 - PARTIAL 4 DIGITS (H=15 MM) FROM 0.1 TO 999.9,
 - TOTAL 4 DIGITS (H=15 MM) FROM 0.1 TO 999.9
- RESETTABLE TOTAL AVAILABLE
- FLOW RATE INDICATION

TECHNICAL SPECIFICATION

Unit of Measure	Litres
Flow Range	1" 10 - 100 LPM 2" 100 - 1000 LPM
Typical Accuracy*	±2.5%
Design Type	Turbine
Housing	Aluminium/Plastic
Max. Working Pressure	20.7 Bar
Threads (Female)	1 inch ISO
Max. Batch Total	9.999
Max. Cumulative Total	9.999
Operating Temperature	-10° to +54°C
Power	2 x AAA Batteries

DIMENSIONS

Width	10.2 cm
Depth	6.4 cm
Height	5.1 cm
Weight	340 Grams

*Accuracy can vary ±5%

1" Female Port for Diesel	OE 0056
1" Female Port for Water	OE 0058
1" Female Port Stainless Steel for Chemicals	OE 0055
2" Female Port for Diesel	OE 0054