

# MECHANICAL FUEL METERS

## In-line fuel meters

These positive displacement fuel meters are ideal for use with electric diesel pumps, remote field and in-line use. Macnaught Mechanical Fuel Meters provide reliable and accurate measurement of liquid without the need for power or batteries.



**Gravity Fed systems**  
Low pressure drop for use with gravity fed systems

**Rotatable Face**  
Register Cap is rotatable for easy display



DM100-01

**Solid Body**  
Robust aluminium meter body

**Meter Technology**  
Oval Gear technology with mechanical register for high accuracy

**Calibration**  
No field calibration needed

**Rotatable Face**  
Register can be rotated up to 180° for easy display

**Nutating Disc**

**Calibration screw**  
For easy field calibration



AMFM

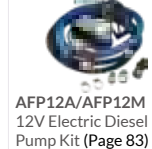
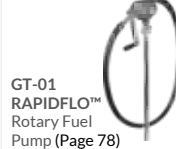


### Why choose this product?

Meter oval gear provides accurate measurement.

Part Number	DM100-01	AMFM
Description	Mechanical Fuel Meter	Mechanical Diesel Meter
Flow range	3 - 80L/min (0.8 - 21gal/min)	20 - 120L/min (5 - 31gal/min)
Meter / register	Oval gear / Mechanical	Mechanical
Accuracy (flow rate)	+/- 1%	+/- 1% of reading when field calibrated
Features	Low pressure drop makes this meter suitable for gravity fed systems register cap is rotatable for easy display mesh strainer included	4-digit resettable total 8-digit non-resettable total Register can be rotated (180 degrees)
Inlet port	1" BSP (F)	1" BSP (F)
Outlet port	1" BSP (F)	1" BSP (F)
Compatible fluids	Diesel, kerosene, light oils and petrol	Suitable for diesel, kerosene and light oils
Max working pressure	50psi (3.5bar)	50psi (3.5bar)
Min/Max working Temp	-5° to 80°C (23°F-176°F)	"-26°C (-15 °F) to +66°C (150°F)
Warranty	10 years	5 years

Recommended to be used with:



Service Parts for DM100-01

- DM100-1K Seal Kit

# DIGITAL FUEL METERS

## In-line fuel meters

The Macnaught Digital Turbine meters are compact, lightweight and accurate and are ideal for use on gravity or in-line applications, or with an automatic fuel nozzle. The meters have a field calibration accuracy of +/- 0.5%. The electronic display can be rotated 180°C and contains a built in computer with many useful additional features listed below.



ADTFM

**Solid Body**  
Robust aluminium meter body

**Meter Technology**  
Oval Gear technology with mechanical register for high accuracy

**Rotatable Face**  
Register can be rotated up to 180° for easy display

**Field calibration capability**



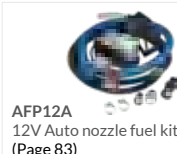
ADTUM

### Why choose this product?

Turbine meter provides reliable accurate measurement

Part Number	ADTFM	ADTUM
Description	Digital Diesel Meter	Digital Urea/DEF Meter
Flow range	10 - 150L/min (2.6 - 40gal/min)	10 - 150L/min (2.6 - 40gal/min)
Meter/ register	Electronic	Electronic
Accuracy	+/-0.5%	+/-0.5%
Features	6-digit reset total 6-digit non-reset total	6-digit reset total 6-digit non-reset total
Max working pressure	50psi (3.5bar)	50psi (3.5bar)
Inlet port	1" BSP	1" BSP
Outlet port	1" BSP	1" BSP
Compatible fluids	Suitable for diesel, kerosene and coolants	Suitable for UREA/DEF and water

Recommended to be used with:



[www.macnaught.com](http://www.macnaught.com)



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