

SKU IM012E-01

MACNAUGHT IM012E 1/2" Electronic Oil Meter

An in-line oval gear oil meter with a 6 digit LCD showing batch and cumulative totals, measuring 1 to 30 L/min to $\pm 0.5\%$ of reading. Calibrates in the field against a known test volume.



1 to 30 L/min

Flow range

$\pm 0.5\%$

Of reading, tested with lubrication oil at 25 °C

1/2" BSP (F)

Inlet and outlet ports

Key features

- Oval gear meter with a 6 digit LCD register
- Resettable batch total and non-resettable total
- Reads in L, GAL, Qt, Pt, Oz or dL, to 1, 2 or 3 decimals
- Auto calibration against a dispensed test volume
- Sleep mode after 30 seconds of no use to save battery
- CR2450 lithium battery with a low battery warning



Technical data

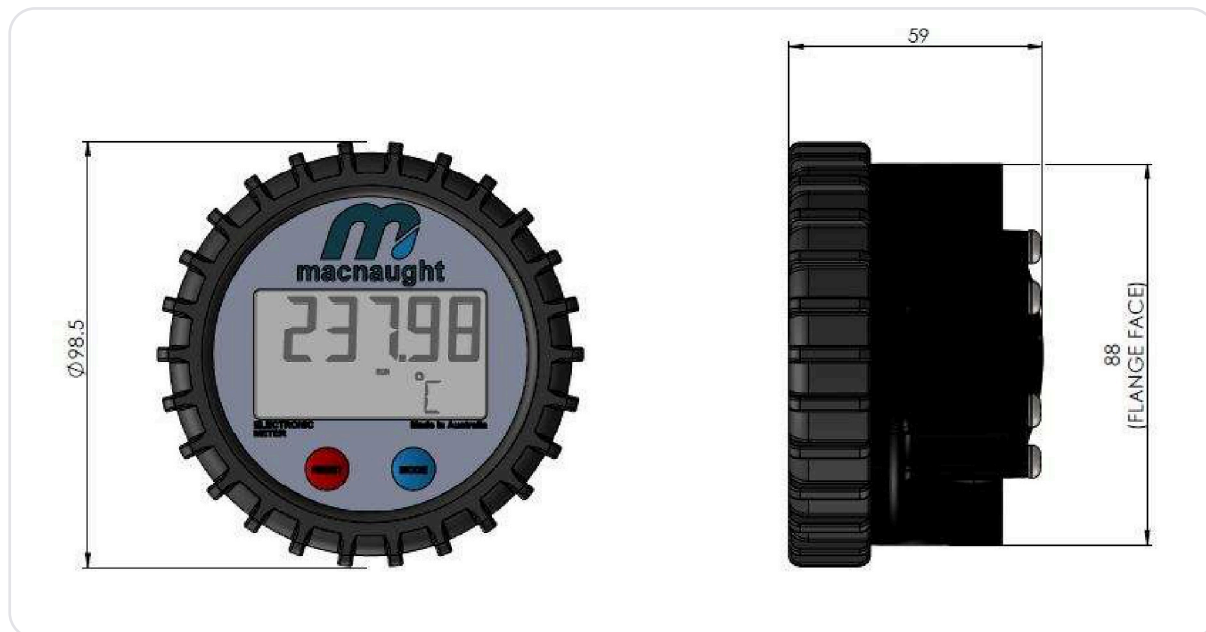
SPECIFICATION	VALUE
Order codes	IM012E-01
Flow range	1 to 30 L/min (0.26 to 8 US gal/min)
Accuracy	±0.5% of reading, tested with lubrication oil at 25 °C
Max pressure	6,900 kPa (1,000 psi, 69 bar)
Connections	1/2" BSP (F) inlet and outlet
Fluids	Engine oil, diesel oil, automatic transmission fluid (max SAE140), ethylene glycol anti-freeze mix (max 50% water)
Max viscosity	1,000 cP
Display	6 digit LCD, batch to 99999.9, non-resettable total to 999999
Battery	CR2450 lithium
Meter type	Oval gear
Wetted materials	Acetal, aluminium, steel, nitrile rubber
Operating temperature	-14 to +55 °C
Spares	DKIT-IM012-MC electronic module, MKIT-IM012-01 rotor

Installation and use

Confirm the fluid is compatible with the meter before use. Isolate the supply and release line pressure before opening the meter body.



Dimensions



Dimensions in mm, front and side views, as drawn by the manufacturer.