

FEATURES:-

- 5 Digit LCD Display of Total Volume.
- Easy reset total button on front panel or optionally via internal reset.
- Ideal for pulse flowmeters requiring additional large display reset of total.
- Power options: Internal Lithium battery with up to 10 year life span or Externally powered 240 VAC or 5 - 25 VDC models.
- Pulse output option for dataloggers / PLC's.
- IP65 wall mountable enclosure with flip up lid to protect LCD..
- User friendly and fully programmable functionality.
- Maximum ambient Temperature 40 °C.
- Made in Australia by ManuFlo.



The **ME5-T** digital indicator is designed to operate with a wide range of pulse/signal output or coil output flowmeters, providing a resettable Volume Total display in chosen engineering units. To reset the Total simply push the front panel button once. This button also brings the unit out of 'dormancy' a function that preserves battery usage when not in operation.

Power is via either: an internal Lithium battery which has a typical life of up to 10 years or optional external 5-25 VDC, or 240 vac. The **ME5-T** will accept flowmeter input pulses up to 2000 Hz.

The ME5-T is housed in a compact IP65 Polycarbonate enclosure with molded mounts, which allows it to be used in a wide range of field applications. All application parameters are pre-programmed according to customer requirements, including display unit preferences and flowmeter K-factor. Scaling can be recalibrated in situ if necessary, using the internal operator buttons.

**WARNING**

- This product is intended to and must be wall mounted in accordance with the relevant safety standards.
- The ME5 must not be used with the enclosure door open as there is a risk of electric shock from exposed high voltage AC.
- Disconnect main supply before opening unit to add, adjust or remove any wiring connections as well as performing cleaning and maintenance.

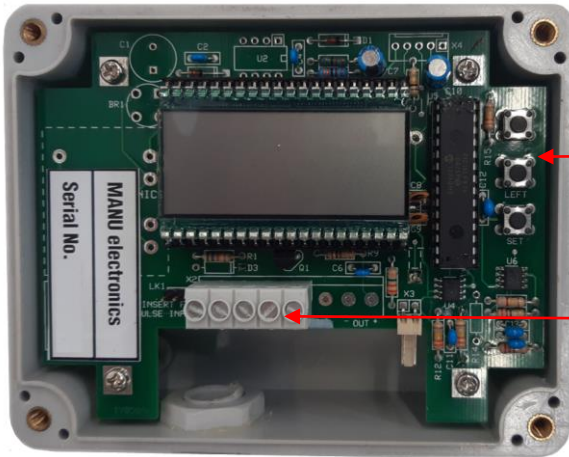
PLEASE READ INSTALLATION, MAINTENANCE AND OPERATING INSTRUCTIONS BEFORE USE. IF THIS EQUIPMENT IS USED IN A MANNER NOT SPECIFIED IN THIS MANUAL, THE PROTECTION PROVIDED BY THE EQUIPMENT MAY BE IMPAIRED.

Display Type	LCD
Display Readout Total	5 digits (10mm x 5mm) up to 2 decimal places. Units available in Millilitres, Litres, Kilolitres or Megalitres
Programming	menu driven by 3 internal push buttons
Power Supply Options	Option 1: 3.6v 2700mAh AA non replaceable lithium battery (No power provided to Flowmeter) Option 2: 240 VAC $\pm 10\%$ 11.2mA, Overvoltage category II (Provides a +12VDC auxiliary output to power a flowmeter, max.100mA). or Option 3: 5 -25 VDC (usually power flowmeter by same input voltage supply, max.110mA Input Current).
Display Housing Ingress	IP65 waterproof, Sealed Polycarbonate enclosure with hinged lid and 4 x 316 stainless steel screws for access to programming and wiring terminals.
Environment	5 – 40 Degrees Celsius 0% to 75% relative humidity Up to 2000m Altitude Pollution Degree 1 Indoor Use (air is not significantly polluted by dust, oil, or chemicals)
Pulse Input (compatibility)	All square waveforms and Voltage free switching 0.2 to 2,000 Hz (note: minimum 2Hz is required for stable flow rate readings)
Pulse Output	• Non-isolated 5-25 VDC. Maximum 100Hz, 100mA. 5ms fixed pulse width. Note: Pulse Output is optional for battery units, and standard for other models.
Enclosure Dimensions:	120mm (H) x 125mm (W) x 60mm (D) including Fastening lugs with 123mm centers apart.
Electrical Connection	One or two IP67 cable gland entries, screwed clamp wired terminals. NOTE: Over current protection devices are not included in this equipment and is optional to be included in the building installation. For Option 2: Double pole 50VDC 200mA circuit breaker recommended. For Option 3: Double pole 240VAC 50mA circuit breaker recommended.
Weight (unpacked)	0.45 kg



5 Digit LCD Counter

Total Rest Button



Programme Buttons

Wiring Terminals

Examples of Pulse output flowmeters connected to ME5T to obtain large LCD resettable remote display:-



MEH-R 1p/1 ltr.



PSM 1p/5 ltrs.



WPD



1p/10 ltrs.



RPFS-L/SC63 11.7p/1 ltr.

ME5-T TOTALISER LCD Indicator – Product Order Codes

ME5 – T	– power	– pulse	– No. of decimal places	– units
Battery (without pulse output)	= B		0	ML = Millilitres
Battery (with pulse output)	= B	P	1	L = Litres
External DC power (pulse output included)	= D	P	2	KL = Kilolitres
External AC power (pulse output included)	= A	P		M = Megalitres

e.g. "ME5-T-B-1-L" is ME5-T Totaliser, internal battery powered, with display to 1 decimal place showing Litres

Footnote: ME5-T-A (AC powered version) cannot be used with 24vdc Magnetic Flowmeters, instead procure separate 240-24vdc power adaptor and / or use with ME5-T-D (24vDC powered version).

* Refer Separate Instruction manual for wiring and Programming of ME5-T.