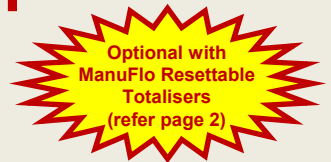


NMI M10 Australian Pattern Approved

ManuFlo® FLOWMETERS



Are your flowmeters compliant with **NMI M10 Australian Pattern Approval** which is the legislated Australian Standards requirement for rural water meters as laid out in the National Framework for Non-Urban Water Metering? If not ManuFlo can assist you with local stock of two different types of flowmeter technologies namely a mechanical 'Turbine' type or alternatively **Electro-magnetic** type which has no moving parts at all.

ELECTRO-MAGNETIC

KMS703 Flowmeters

- Electro-magnetic, no moving parts.
- Battery Powered (long life Lithium +8 years)
- LCD Flow Rate & volume Totals + and -.
- Ideal for dirty water & gravitational flows or low pressure applications for irrigation.
- Sizes 25 to 300mm
- Accuracy $\pm 0.5\%$ of reading
- **Optional Voltage free pulse output.**

Rectangular Bore
(no moving parts)



NMI-M10 AS4747
Australian Pattern
Approved.AS/NZS408
0:2005 Approved for
drinking water.



LCD Display
Rate & Totals



Remote
Display
Versions



Size Order Code	Flowrange (Litres/min) / Accuracy	
	min ($\pm 2\%$)	Max ($\pm 0.5\%$)
KMS703-025F	0.7	267
KMS703-040F	1.6	667
KMS703-050F	2.6	1000
KMS703-065F	4.2	1666
KMS703-080F	7	2666
KMS703-100F	11	4167
KMS703-150F	27	10500
KMS703-200F	42	10800
KMS703-250F	66	16667
KMS703-300F	106	26666

Note: Also available in externally powered versions 240 VAC or 24 VDC, contact ManuFlo for details.

TURBINE

WPD Flowmeters

- Turbine mechanical turning movement.
- Running mechanical register volume Total m3.
- Ideal for gravitational flows or low pressure applications for irrigation.
- Sizes 40-300mm.
- Accuracy $\pm 2.5\%$ of reading.
- **Optional Voltage free pulse output**

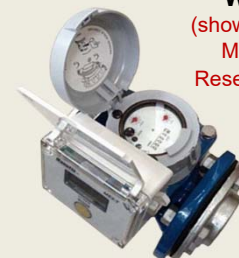
Spinning Turbine Internals



Mechanical register
(M3 with auxillary dials)



WPD Meter
(shown with optional
ManuFlo LCD
Resettable Display)



Size Order Code	Flowrange (L/min) / Accuracy		
	min $\pm 5\%$	min $\pm 2\%$	max $\pm 2\%$
WPD-40	4	7	666
WPD-50	5	12	833
WPD-65	7	13	1167
WPD-80	8	15	2000
WPD-100	13	30	3833
WPD-150	50	67	7500
WPD-200	67	100	13333
WPD-250	100	183	20833
WPD-300	200	250	23300

Note: Refer page 2 for ManuFlo digital resettable counters

Wired to ManuFlo LCD Resettable Totalizers, Loggers, Batch Ticket Printers for Transfers/Monitoring

ME5-T Resettable LCD Indicator

Power	Lithium Battery (+9 yrs)
Mounting	Wall mount to IP67
Display	5 Digit LCD counter
Reset Function	Push button on front
Units	Litres or Kilotitres



ME4-T Resettable LCD Indicator

Power	Lithium Battery (+9 yrs)
Mounting	Wall mount to IP67
Display	4 Digit LCD counter
Reset Function	Via magnet in lid
Units	Litres or Kilotitres

FRT303 Dual LCD Rate & Totals

Power	Lithium Battery (+9 yrs)
Mounting	Wall mount to IP67
Display	2 x Totalisers 1 x Reset 1 x Flow rate
Reset Function	Push button on front
Units	L, KL, L/ sec/ min/hr.
Outputs	Pulse/mA + low/hi.



ME3000 Series Batch Controller with TMP custody transfer ticket print

Type	Pre-set Microprocessor
Mounting	Panel Mount to IP64
Display	LCD Multi HMI
Units	Litres, mls, KL, Kg's
Optional Interface	Start/stop/reset + Pulse to PLC's 4-20mA

ME-USB5+ economy USB logger

Type	USB event Logger
Power	Lithium
Application use	Download to PC
Time/Date/Log	Stores 1 million events



Enquire for:-

- GSM loggers
- other LCD reset counters
- other flow applications

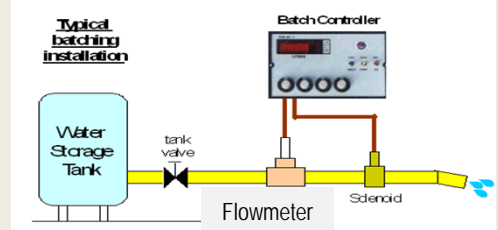


Agricultural Applications:

- Irrigation Channels/Pipes
- River and Dam Water Usage
- Sprayer Irrigation Systems
- Nutrient & Fertiliser Dispensing
- Water Control for Cattle Feedlots
- Groundwater & Bore Extraction
- Truck Loading and Discharge
- Pump performance monitoring

Process Control:

- Batch Controller Systems
- Raw Water Pump Stations
- Rate-of-flow Indication / mA outputs
- PLC input scaling cards
- Custody transfer ticket printing options.



ManuFlo®

- Australian company since 1965.
- Items stocked in Sydney
- Free on-going product & application support.
- Rapid personal service and phone support.
- Simple to use, proven product.
- Flowmeter and process control specialists.

ManuFlo®™

Flow Measurement & Control Products

a division of

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