

Newsletter

ManuFlo®TM

FLOW MEASUREMENT PRODUCTS

Please visit our website at www.manuelectronics.com.au

A division of Manu Electronics Pty Ltd

Page 1 | [Page 2](#) | [Page 3](#) | [Page 4](#)

POINTS OF INTEREST:

- Tank Level Monitoring
- Tradewaste flow meters and calibration
- SMP battery mags
- Long stem MRP5 for larger pipe sizes
- ME6008M batch logging/printing
- facebook, LinkedIn

INSIDE THIS ISSUE:

	Page
Portable Trolley Batch System	1
Tradewaste Meters and Calibrations	1
SMP battery mags in 25, 50 & 80mm sizes	2
Shotcrete System update	2
Higher Resistant Magnet for MES20	2
Long Stem MRP5	2
Kayak Adventures	3
ME6008M Batch Printer	3
Custody Transfer Ticket Printing	4
facebook, LinkedIn, vimeo	4

Portable Trolley Batch System



Our latest product is a handy portable Trolley Batch System, pre-configured and pre-wired by ManuFlo.

For manual batching, it contains a resettable display flowmeter and manual start/stop control box with low voltage switch.

For automatic batching, it contains either a ME995 type (rotary dial) or ME3000 (IP64 keypad) Batch Controller, and a pulse output Flowmeter.

Configurations include:

- a sturdy trolley;
- HB2510 IP65 waterproof polycarbonate Housing Box, for housing a Batch Controller. The box has a transparent lid cover which opens downward on stainless steel hinges;
- 1" pump: choice of Centrifugal (Davey SJ35-04) or Positive Displacement (Mono CP25) types;
- spring-loaded non-return valve, gate valve, contactor, and camlocks for easy pipe connection;

If a ME3000 Batch Controller is used in the system, then the Controller can have an optional RS232 front port for easy access to download batch log data to a laptop.

The system is 130 cm high, 53cm wide and 46cm deep, and is 240vac powered. Weight: approx 23 kg.



Tradewaste Flowmeters and Calibration Checks

With no moving parts and an obstruction-less bore, the WaterMaster tradewaste flowmeter (wired, programmed, tested and supplied by ManuFlo) provides the highest level of performance for tradewaste discharge applications.

For Sydney customers:

- the flowmeter also has tradewaste sampler plugs fitted and is fully compliant to Sydney Water requirements.
- ManuFlo can perform your yearly on-site tradewaste flowmeter calibration checks and issue a calibration certificate.



**No moving parts!
No blockages!**

Please contact us if you need:

- * new products developed
- * new features added to existing products
- * tradewaste calibrations
- * repairs
- * technical questions answered

SMP battery powered mags, now in 25, 50 & 80mm



- Unobstructed flow. No mechanical or moving parts, so virtually maintenance free operation.
- SMP series expanded to now include 25, 50 & 80mm sizes.
- Ideal for bore water, irrigation, usage monitoring, recycled water, heap leach mining discharge, cooling tower deduct metering, and other water reclamation operations.
- User-replaceable internal battery powered: 6x AA alkaline cells (1-2 year typical life with meter in continuous use), or 2x C size Lithium cells (typical life: 2-4 years).
- Built-in flowrate and total indicator.
- Corrosion resistant plastic construction.
- Full-bore, plastic-bodied lightweight compact electromagnetic flowmeters
- polypropylene flow tube has corrosion resistance to a wide range of chemicals and water qualities.
- in the event of power failure, or replacement of batteries, the settings and totals are retained in memory.
- Minimal straight pipe required - can be used in piping configurations where there is little space between the meter and an elbow or valve. A clamp flange pipe connection kit is included for 50 and 80mm sizes that makes installation very easy. The 25mm size has NPT (female) threaded connection ends.



Shotcrete System update

ManuFlo's Liquid Admix Shotcrete Measurement System now incorporates the MM series electromagnetic flowmeters (sizes 15, 20 or 25mm), as an option to the AMM series.

MM flowmeters can operate to a higher pressure of 1600 kPa (16 bar), compared to 1000 kPa of the AMMs.

Also, MM flowmeters also have an onboard LED flowrate display for visual flowrate backup.



MES higher chemical resistant magnet

MES standard chamber flowmeters can now be ordered with a new optional ceramic magnet fitted on the chamber which allows higher resistance to chemicals that may affect the standard magnet.

The 20mm flowmeter order code with the new ceramic magnet option is MES20-CSM. A 20mm replacement standard chamber with the new ceramic magnet is order code 20-5-CSM. Standard chambers can also be returned for upgrade to the ceramic magnet option.



MRPU5 flowmeter - Long Stem with SaddleClamp for Irrigation

The range of MRPU5 flowmeters has been expanded to now include an option for a long stem that holds the paddlewheel.

This expands the application range for use with saddle clamps in larger pipe sizes (>200mm). The long stem MRPU5 can be ordered using option code -LS.

Long stem MRPU5, fitted to 250mm saddle clamp, shown with optional reset pushbutton



ManuFlo Kayaking Adventures

Alex Manu is a keen kayaker. His latest adventure was the Nepean River (Menangle to Bents Basin and beyond) which was described in the March 2013 issue of SALT magazine in the story "Two Guys, Two Sea Kayaks, One River, Eight Weirs and The Gorge".



You can read about Alex's previous 100km kayaking trip, which was in the Colo region, at <http://nswskc.wordpress.com/2012/03/12/100km-kayaking-trip-upper-colo-river-bridge-to-brooklyn/>

ME6008M *Ideal for manual batch plants!*

ME6008M Batch Monitor Printer Driver

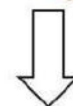


WIDE
dot matrix tractor feed
LX300+II printer
204mm wide printout
80 characters



or

COMPACT
dot matrix paper roll
DP8340 printer
84mm wide printout
40 characters



	DATE	TIME	CH:1	CH:2	CH:3	CH:4	CH:5	CH:6	CH:7	CH:8
B-0001	20-06-11	10:34	000000	000349	000000	000000	000000	000000	000000	000000
B-0002	20-06-11	10:34	000000	000000	000450	000000	000000	000000	000000	000000

BATCH No	DATE	TIME	CH-4	CH-5
B-0001	21-03-11	10:48	000000mL	000000mL
C00010mL	000005L	000000mL	000000mL	000000mL
C00010L	000009mL	000000L	000000L	000000mL
B-0002	21-03-11	10:49	000000mL	000000mL
C000700mL	000002L	000000mL	000000L	000000mL
C00004L	000000mL	000004L	000000mL	000000mL

The Manu Electronics ME6008M has been designed to interface from Batch Controllers to loggers or serial printers, and will provide automatic end-of-batch printing and datalogging of 500 batch events. All records are time-stamped from the unit's Real Time Clock.

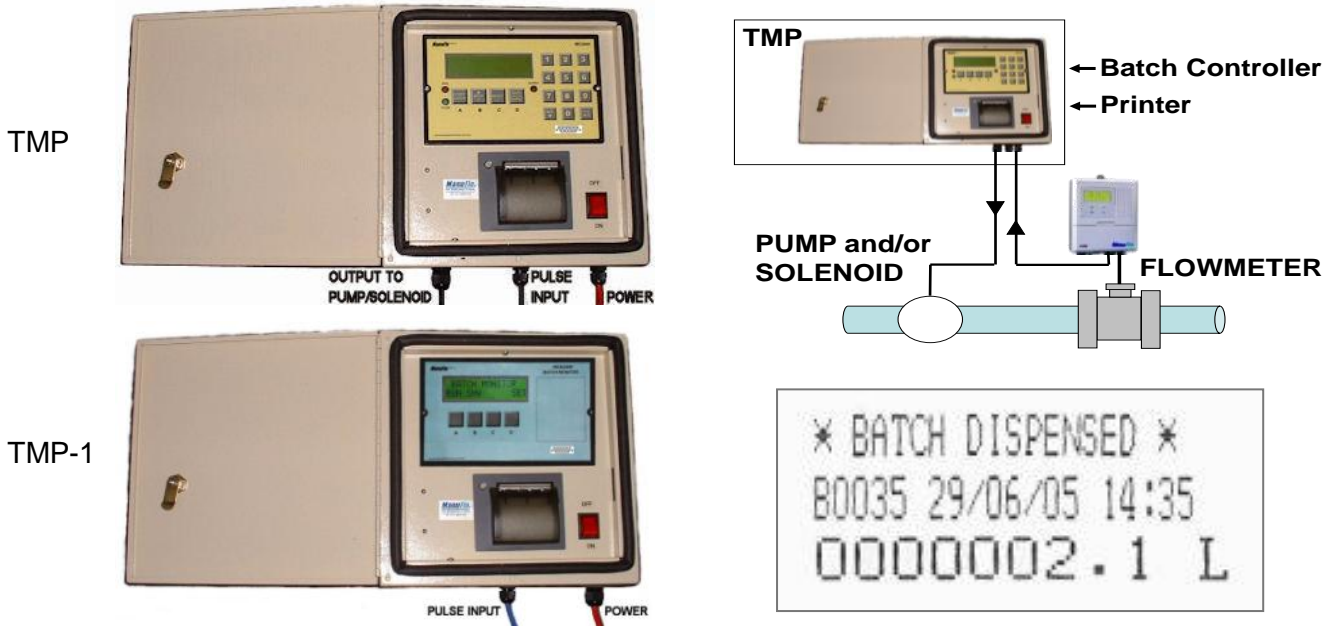
The unit is operated from a front panel keypad with a LCD 2-line display. Selections are made from a four-function "soft-key" tree structured menu.

- Prints QA batch totals automatically (programmable delay), or manually.
- Internally logs 500 batch events, downloadable to your laptop/PC via optional front-access DB9 RS232 connector (that also comes with a RS232-to-USB adapter).
- Monitors up to 8 channels of water and admixture. User-friendly menu tree.
- Channel units in millilitres or Litres. Batch number ID, time and date. Real time clock.
- Grand Totals and batch history can also be printed (or dumped to a PC) on demand.
- Programmable pulse scaling (K-Factor).
- IP65-rated touchpad.

TMP & TMP-1 Batch Ticket Printing for custody transfer

The TMP and TMP-1 batch ticket printing systems are ideal for delivery trucks or loading and discharge locations where custody transfer docket is required. They can be connected to PMS or RMS electromagnetic flowmeters, or any other pulse output flowmeter. Tickets show Batch ID, date, time and quantity.

The TMP System is a Batch Controller and Printer for ticket printing of automatic batches. The TMP-1 monitors manual batches, and prints a ticket upon batch completion.



FLOW MEASUREMENT PRODUCTS
A division of Manu Electronics Pty Ltd

41 Carter Road, Brookvale
Sydney NSW 2100 Australia

Phone: +61 2 9938-1425 or
+61 2 9905-4324

Fax: +61 2 9938-5852



Please visit our website at
www.manuelectronics.com.au
or www.manuflo.com



ManuFlo is now accessible via social media.

For equipment updates and usage tips, follow:

- our [Linkedin page](#)
(search in Linkedin for “ManuFlo” or “Manu Electronics”)
- our facebook page
<http://www.facebook.com/pages/ManuFlo/389295474463865?ref=hl>

For video tips on our equipment, see our videos on vimeo:
<http://vimeo.com/user12305878/videos>

These links are also accessible by clicking on the relevant icons on our home page www.manuflo.com



You can also scan our QR Code with your iPhone, for connection to our website.

ManuFlo is a member of

