

TMP Batching Printer System

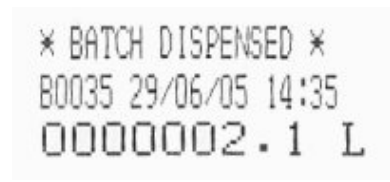
FEATURES

- Batch Controller and Printer for automatic ticketing.
- Ideal for delivery trucks or loading and discharge locations where custody transfer docket is required.
- Prints Batch ID, quantity, time and date.
- Paper easily changed.
- Rugged IP64 hinged enclosure, with key lock.
- contains wired and mounted ME3000-SC Batch Controller and APM-n93XS printer.
- enclosure: 300 L x 300 H x 200 D mm.

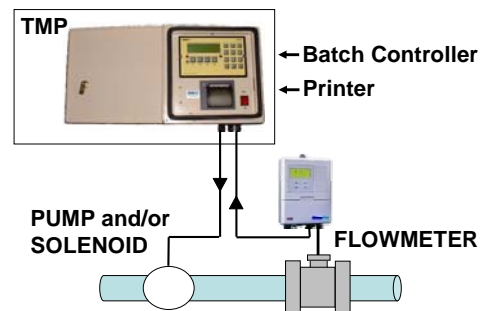


The TMP unit consists of:

- 1 ME3000-SC Batch Controller with serial interface
- 1 APM-n93XS Ticket printer
- 1 Metal powder-coated box to IP64, with key lock
- 1 Paper Roll



Ideal for delivery trucks or loading and discharge locations where a custody transfer docket is required.



The TMP interfaces to other equipment on the truck:

- controls pump and/or solenoid; and
- receives pulses from flowmeter.

The TMP is wired to a pulse output flowmeter (e.g. ManuFlo MFS50 Magmaster), and to a pump and/or solenoid. The TMP's component instruments are housed and protected in a rugged metal box, with a hinged key-lock lid. Since the enclosure is sealed to IP64, the unit can be mounted to the exterior chassis of delivery trucks. The Batch Controller and printer are prewired, making it simple to connect power supply and flowmeter pulses to the unit.

- The operator enters the required batch quantity into the TMP's Batch Controller;
- The TMP Batch Controller controls batch delivery (manually-operated hydraulic pumps can be converted to automatic control by installing a solenoid in the hydraulic line. The TMP then controls the solenoid to start and stop the liquid flow);
- At the end of each batch, the TMP automatically provides batch quantity printout with date, time and Batch ID (ideal for delivery trucks or loading and discharge locations where a custody transfer docket is required).

The TMP can be ordered as either:

<u>Order Code</u>	<u>Description</u>
TMP-AC	240 vac powered Truck Mounted Printer
TMP-DC	12-24 VDC powered Truck Mounted Printer

TMP - OPERATING INSTRUCTIONS (SHORT FORM)

- 1 According to the marked cable ends:
 - connect to flowmeter;
 - connect to pump and/or solenoid; and
 - connect to power.
- 2 Switch the TMP unit on, using the **rocker switch**.



Batch Controller LCD

Printer LED

SETUP FOR MANUAL BATCHING

To programme the ME3000 Batch Controller for manual batching:

- (1) In Program Mode:
 - set MIN FLOW to 0 Litres/sec;
 - set MAX BATCH LIMIT and MAX OVERBATCH to a value greater than the tanker's capacity.
- (2) Then, in normal operating mode:
 - press START button;
 - manually start and stop the flow of liquid e.g. manually operate pump;
 - press STOP button;
 - press RESET button;
 - a batch ticket will then print for the amount manually batched.

- The Printer LED will illuminate; and
- The Batch Controller LCD screen will display:
 MANU ELECTRONICS
 ME3000 Vx.x (where "x.x" is a version number)

- 3 Although the ME3000-SC parameters are factory set, make sure:
 - the real time clock is set to local time and date;
 - the Batch ID is set to the required initial value;
 - the Calibration Input is set to the correct pulses/Litre value according to the specification of the attached flowmeter
 (see the ME3000 User Manual for details on how to enter Programme Mode to examine or change settings).

Ensure the printer is loaded with paper (see the printer manual).

- 4 The TMP unit is now ready for batching, and for the automatic printing of batch tickets.



Due to continuous product improvement, specifications are subject to change without notice.