

Easy and simple to use everywhere

THE FLOWMASTER 250DL MEASURES THE FLOW RATE AND THE PRESSURE AT EVERY WATER DRAWING OFF POINT AND PRODUCES VERIFIABLE REPORTS

APPLICATIONS

- Testing hydrants
- Testing pumps
- Testing dry risers
- Testing branches and hoses
- Flushing water mains
- Evaluating fire fighting techniques
- Training

FEATURES

- Easy to use
- Automatically stores your test results
- Creates verifiable test reports
- Accurate and reliable electromagnetic sensor
- Robust - no moving parts
- Portable, rechargeable and connectable anywhere
- Large digital electronic flow rate display



4 Simple steps to Fast Flow Analysis



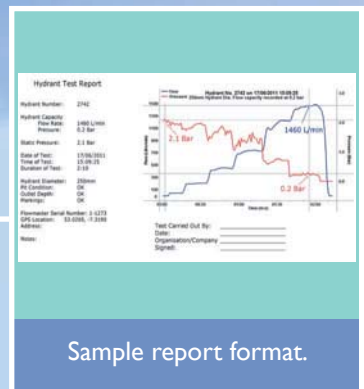
Measure and record pressure and flow rate.



Upload results to PC.



Label data for reports.



Sample report format.

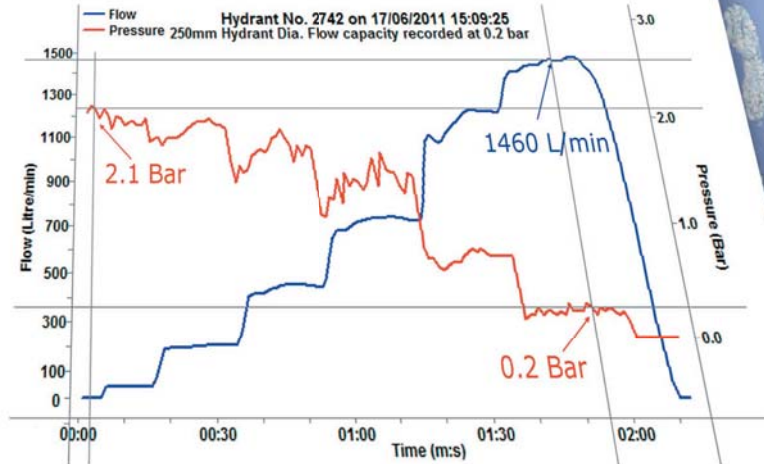
Generate verifiable test reports quickly and easily

Hydrant Test Report

Hydrant Number: 2742
 Hydrant Capacity
 Flow Rate: 1460 L/min
 Pressure: 0.2 Bar
 Static Pressure: 2.1 Bar
 Date of Test: 17/06/2011
 Time of Test: 15:09:25
 Duration of Test: 2:10
 Hydrant Diameter: 250mm
 Pit Condition: OK
 Outlet Depth: OK
 Markings: OK

Flowmaster Serial Number: 1-1273
 GPS Location: 53.0269, -7.3190
 Address:

Notes:



Test Carried Out By: _____
 Date: _____
 Organisation/Company: _____
 Signed: _____

TECHNICAL DATA FOR FLOWMASTER

(EN292 and EN60204) Model No. 34-2005

FLOWMETER

Type: Electromagnetic

Operating Range: 30 to 3,000 lpm, can be extended to 5,000 lpm

Accuracy: 30 to 750 lpm: $\pm 1.5\%$
 > 750 lpm: $\pm 2\%$

Digital readout of flow rate

- 4-digit backlit LCD display
- Volume readings to 1,000,000 litres
- Flow readings in LPM or in US GPM

Functions:

- Display of current flow rate
- Display of total volume used

Power Supply: Internal battery 12V DC, 2.4Ah
 Up to 10 hours continuous operation

External charging device included as standard.
 Mains charger is supplied with either UK, euro or USA style plug.

Operating temperature: -10 to +50 °C

Weight: 12.5kg

Dimensions:

210 (H) x 240 (W) x 390 (L) mm

Housing: Solid and corrosion resistant LM25 aluminium

Colour: Red RAL 3020/natural aluminium

PRESSURE MEASUREMENT

Sensor: Piezoresistive pressure transducer

Range: 0-25bar in 0.1bar increments

Accuracy: $\pm 1\%$

Readout: High brightness LED

Readings in BAR or PSI

DATA LOGGER

- Record 12 hours of flow and pressure data at 1 second recording interval
- Upload data to laptop by USB
- Auto logging feature whereby data logging starts and stops automatically according to flow rate
- LED indication of logging in progress
- Can also log directly to PC using USB cable supplied

PC SOFTWARE

FMSv4 software for file management and report preparation is supplied.

OPTIONS (extra charge)

TRANSPORT CASE

(Model No. 34-2104)

Transport case with castor wheels and extension handle. Weight 7kg.

ADAPTORS

(Specify when ordering)

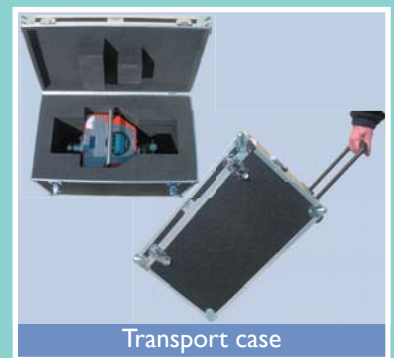
For UK: 2.5" BS Inst. M/F

For North America: 2.5" NH

For EU: 2.5" BSP male thread

For Hose reels: 3/4" or 1" BSP male both ends

For larger diameter hose: 4" BSP male both ends



Transport case



Adaptors