

FLOWMETERS

FLOWMASTER 250 HYDRANT FLOW AND PRESSURE TEST INSTRUMENT

Easy and simple to use everywhere

Designed to assist the Fire Services and Water Services staff with accurate flow and pressure measurements, the TSI Flowmaster provides the most reliable and accurate evaluation of hydrant and water main condition. The TSI Flowmaster is used to tell you which hydrants are working, the flow rate from the hydrant and the water main capacity. The TSI Flowmaster will help you locate leaks and obstructions in the water main.

The TSI Flowmaster is a portable version of the EMF-300 water flow meter, measuring instantaneous flow rates up to 3,000 lpm and pressures up to 25 bar. Weighing only 12Kg, the TSI Flowmaster has a convenient carry handle contributing to its overall ease of use. Simply attach to the hydrant, switch on and measure flow and pressure.



- With the TSI Flowmaster the pressure and the flow can be measured at every water drawing-off point.
- Hydrants or pumps can be checked to see whether they are performing properly.
- Measuring range extends to 3,000 lpm.
- Labour saving - Hydrant tests can be carried out by one person
- Minimise Water Wastage – hydrant tests can be completed using the smallest volume of water.



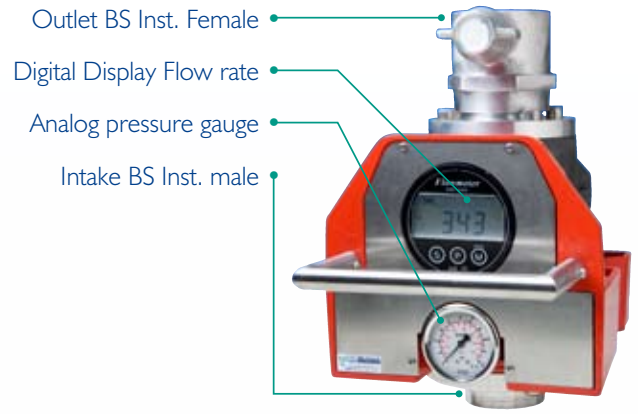
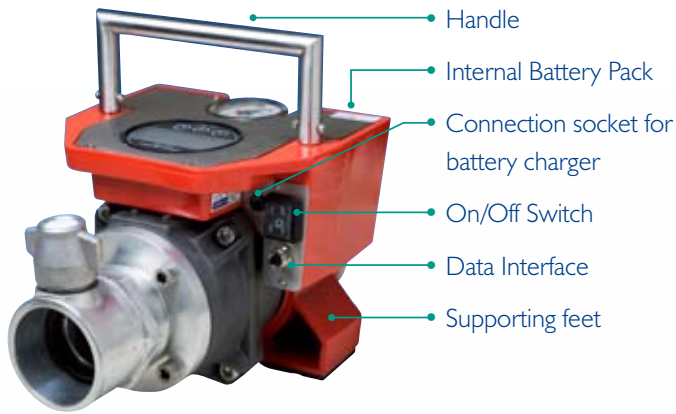
Measuring the static and dynamic pressure and the flow rate.



Aluminium transport case with castor wheels and extension handle. Art no. 34-2103



Using the Flowmaster to test fire fighting equipment



APPLICATIONS

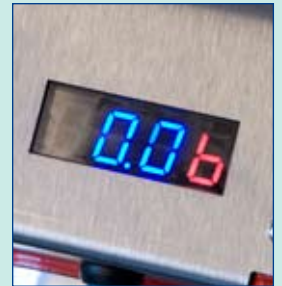
- Hydrant Test Instrument
- Evaluation of water main capacity
- Checking for leaks and obstructions in water mains.
- Flow testing of fire hydrants
- Flow testing of pumps, hoses and other fire fighting equipment.

Flow Monitoring System

Art. No. 34-2200
Data Interface to laptop. Includes cables, interface and PC software to record flow data in MS Excel format.

Flowmaster with Digital Pressure

Art. No. 34-2005
Digital readout of pressure and integrated data logger.



Hydrant test result data logger

Art. No. 34-2210

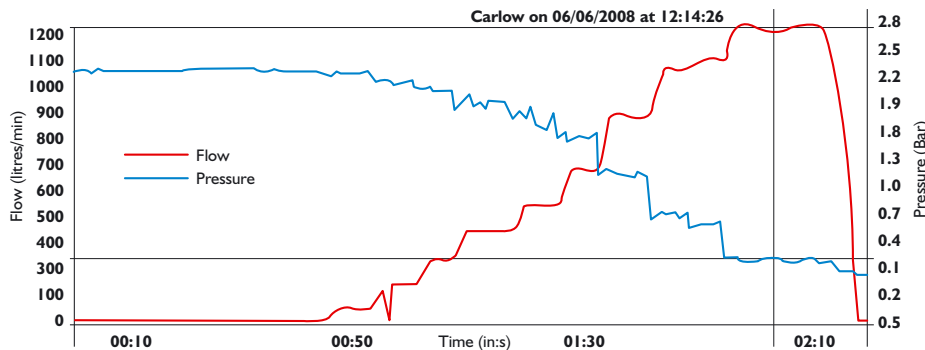
The model DL1000 records hydrant test results electronically for update to PC.



Hydrant Number	Pressure Static	Pressure Residual	Flow	Date	Time
5420	2.8	2.7	20	24th March	12:32
5421	2.8	1.1	1102	24th March	12:35
5422	2.5	1.0	1175	24th March	12:39
5863	3.3	1.4	1463	27th March	10:42
5864	3.5	1.2	1630	27th March	10:47

Typical report from DL1000

Simplified Report Generation



Create hydrant test reports at the touch of a button with the Flowmaster 250D software.

The popular Flowmaster 250 hydrant test instrument is used by most UK and Irish Fire Services. Available worldwide through our network of distributors and direct from TSI Flowmeters, the Flowmaster 250 is the market leader in Germany.

TECHNICAL DATA FOR FLOWMASTER (CE) (EN292 and EN60204)

Art. No. 34-2001

Power Supply:

Internal battery pack 12V DC, 2.4Ah

Separate charging device included

Operating temperature: -10 to +50 °C

Working pressure 16 bar, maximum pressure 25 bar.

Weight: 12.5 Kg.

Dimensions:

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

FLOWMETER

Type: Electromagnetic

Operating Range: 30 to 3,000 lpm

Accuracy: >750 lpm: ± 15 lpm.
< 750lpm: ±2%

Digital readout of flow rate.

- 4-digit backlit LCD display,
- 17.6mm digit size,
- Bar chart of flow reading,
- LPM or US GPM display.

Functions:

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

MANOMETER:

Type: Bourdon tube

Operating Range: 0 to 25 bar, ± 1%, 60mm dial, dual bar/psi gauge.

Optional 0-25 bar digital pressure transducer with bright LED readout of pressure. Can be extended to 5,000 lpm
Art. No. 34-2005

Adapters: 2.5" BS Inst. M/F or 2.5" BSP male thread as standard. Flanged to 4" BSP male or to 3/4" male tapered adaptors also available.

Housing: LM25 aluminium.

Colour: Red RAL 3020/natural aluminium.