Foulds Clark (London) Ltd.

FC
(London) LTD.

V.M. HYDRANT FLOW GAUGE AND MAINS TESTING OUTFIT

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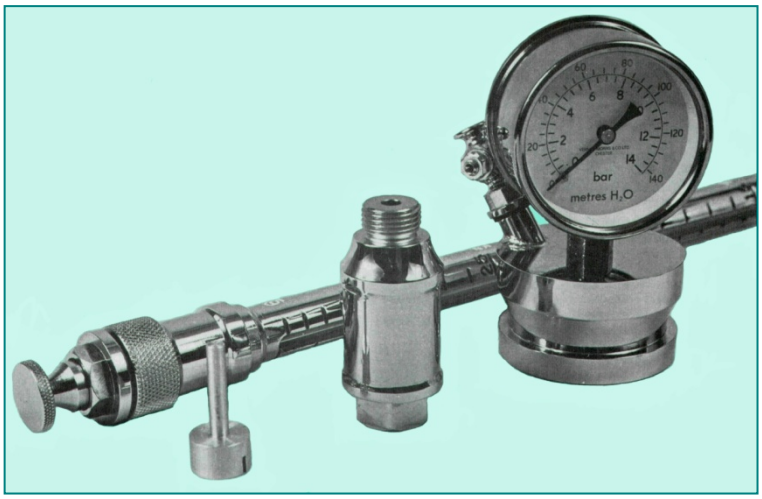
The V.M. Hydrant Flow Gauge is universally used by Water Engineers and Fire Service Authorities in the appraisal of piped water supply for fire fighting, for development planning, and as a probe for investigating the ageing conditions of water mains and the incidence of overloading. In all of these spheres there is no effective substitute.



SPECIFICATION

Flow Tube: Heavy gauge solid drawn brass tube 18" long to allow water to regain even velocity after rounding sharp bend in standpipe head; fitted with 2 ½" gauge male instantaneous connection; pitot tube assembly fitted with a taper swivel joint to provide universal movement in aligning Manometer to the vertical.

Manometer: Extra heavy gauge slotted brass tubular housing with gunmetal and fittings; precision bore glass tube; calibrated in three ranges with large figures easily readable in all weather conditions.

Static Pressure Testing Assembly: Good quality Bourdon Pressure Gauge with toughened glass face, calibrated dual scale reading 0 – 140 metres head and 0 – 14 bar. 2 ½" instantaneous male blank cap fitted with petcock to release air and residual pressure after use.

Finish: All brass and gunmetal parts heavily chromium plated and polished.

Carrying Case: Black polypropylene copolymer with corrosion free nylon hinge pins, waterproof and dustproof and with temperature rating -30/90°C.

DIGITAL FLOW GAUGE

The DFGMETBC digital flow gauge is designed to provide a digital flow read out when coupled to a hydrant standpipe. The digital flow gauge comes supplied with a static assembly, which is used to measure static pressure at the hydrant standpipe.

The equipment can be used for various applications to satisfy a number of sector requirements when it comes to assessing flow and pressure readings of both hydrant outlets and wet risers, investigating ageing conditions and incidents of over loading of water distribution systems. It can also help assist in determining leaks. Typical sectors would include: Fire Brigades, Water companies, Associated Fire Protection Services.
Carrying Case: Black polypropylene copolymer with corrosion free nylon hinge pins, waterproof and dustproof and with temperature rating -30/90°C.

Features:
Flow Tube

- 2 ½" tube manufactured from aluminium alloy
- Paddle-wheel assembly manufactured from stainless steel.
- The flow tube can be supplied with any male inlet coupling to suit export requirements.
- 2 ½" instantaneous male chromium plated (Gun Metal for intrinsically Safe) static assembly with 3" gauge 0-140 mhd/14 bar BS EN 837-1 1.6%. Tested against G23113.1.M71 traceable to national standards (or other ranges to suit requirements).

Digital display

- Displays the actual total and flow rate simultaneously.
- Large digit selection for flow rate.
- The accumulated total can register up to 11 digits and is backed-up in EEPROM memory every minute, just as the running total.
- Intrinsically safe digital displays for hazardous applications are also an option for this model of digital flow gauge.
- Digital display is powered by lithium battery, which provides 2-5 years of life.
- Accuracy ± 1% F.S.D.
- Flow range is 70-1800 L.P.M.