

PDFM3

PORTABLE DOPPLER FLOWMETER

PDFM3

- s Non-invasive clampon sensor
- s Hand held flowmeter
- s Pipe sizes \geq DN25
- s Volumetric flow units of measurement
- s Metric and English units
- s Easy to use
- s Flow total and rate display
- s Long battery life
- s Data logger option



Applications

- s Mining Slurries
- s Dredging Slurries
- s Paper Pulps
- s Water industry sludges

The Flowmetrix PDFM3 is a handheld non-invasive microprocessor based meter for measuring the flow rate and total volume of liquids flowing through process and effluent pipelines. It is suitable for a wide range of liquids, including aerated water, liquids containing suspended solids, slurries and sludges. The Flowmetrix PDFM3 requires fluids with a minimum concentration of 100 ppm of solids or bubbles having minimum size of 100 microns

The flowmeter utilises a single clampon sensor and the non-intrusive Doppler principle to measure the mean velocity and is particularly useful as a temporary flow indicator or as a working tool to establish and verify flow conditions in field or plant installations.

Specifications:

Velocity Range	: 0.3 to 10.0 m/s	Transducer	: IP68 St/Steel epoxy-faced 81 x 23 x 23mm
Accuracy	: better than $\pm 2\%$ of FS	Power	: 4 x AA rechargeable cells Incl.
Repeatability	: $\pm 1\%$	Battery Charger	: 230Vac 50/60Hz
Cable length	: 2-metre length	Indication	: 2 - Line 16 Character Backlit LCD
Temperature	: Sensor -20 to 90°C Electronics -10 to 50°C	Weight	: 0.85kg
Electronics	: Black Moulded ABS		
Enclosure	: 196 x 100 x 40mm		
Carry case	: Included		



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