Portaflow PF440IP

The rugged new addition to the portable range of clamp-on flow meters from Micronics, for simple, accurate flow measurement from outside the pipe!

The Portaflow range brings simplicity to the non-invasive measurement of liquid flow. PF440IP offers the user quick and accurate flow measurement with its easy to follow menu and simple set up. Results can be achieved within minutes of opening the case!

Compact, rugged and reliable with an IP67 case and IP68 rated transducers, the PF440IP has been designed to provide sustained performance in hostile industrial environments including demanding external flow and submerged transducer applications for sustained periods of up to 4 months with 1 hour interval logging.



- **DSP measurement technique**
- **Reynolds number correction**
- **Easy to install**
- **Simple to follow programming menu**
- **Clamp-on IP68 rated sensors**
- **Suitable for external applications**



Portaflow PF440IP

INDUSTRIES:

- Water
- Building Services
- Energy Management
- Power Generation
- Chemical
- Pharmaceutical
- Petrochemical
- Food

RECOMMENDED FOR:

- Potable water
- River water
- Cooling water
- Demineralised water
- Water/glycol solutions
- Hydraulic oil
- Diesel and fuel oils
- Chemicals
- Petroleum products

APPLICATION/USE:

- HVAC and energy system audits
- Check system meters
- Pump verification
- Boiler testing
- Leak detection
- Filter sizing
- Ultrapure water measurement
- Heavy fuel oil metering
- Condensate measurement
- Balancing systems
- Clean in place evaluation
- Fire system testing
- Hydraulic system testing



PF440IP Specification

Carry Case: – The PF440IP is supplied in a hard wearing IP67 carry case.

'B' Transducers: – 50mm OD to 2000mm OD pipe, IP68 rated.

Flow Velocity Range: – 0.1m/s to 10m/s. Bi- directional subject to pipe size.

Accuracy: – +/- 0.5% to 3% dependent on flow and pipe size

Turndown Ratio: – 200:1

Transducer Operating Temp: – -20°C to +135°C.

Outputs: – Isolated 0/4 –20mA; USB; 5v pulse @ 1 pulse/sec max.

Data Logging: – 198,000 data points. Up to 20 named recording blocks. Data displayed locally in text or graph format. Real time or stored. Can be downloaded via USB port to Windows based PC.

Battery Life: – > 150hrs with continuous measurement and can be programmed to take intermittent readings at intervals of up to 1 hour enabling the meter to operate on its internal batteries for up to 4 months on a continuous basis.



micronics
Through measurement comes control

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