



EASY-FLOW™

Portable Ultrasonic Doppler Flow Meter for Full Pipe Applications

Ultrasonic waves are sent through the pipe at a certain angle and at a determined frequency. These are reflected by airlocks or other suspension particles producing a variation of the frequency which is proportional to their velocity.

TECHNICAL SPECIFICATIONS EASY-FLOW™

Velocity measurement

- Method: Ultrasonic Doppler
- Accuracy: <4% of reading
- Range: 0.00 to 10.00 m/s
- Resolution: 1 mm/s
- Max. pipe diameter: 10 m
- Total flow: 12 numbers in liters
- Frequency: 1 measurement per second
- Filter: from 1 to 8 measurements

Display

- LCD display with 4 x 16 characters
- Output: Flow & Total flow & Battery status

Power supply

- NiMH battery 6V
- Autonomy: 83 hours

Memory

- EEPROM Memory: 20 sites & 16.000 measurements
- Memory Interval: 1 second or 1 minute
- Memory Autonomy: 4h27min for 1 second interval
11 days & 3h for 1 minute interval

Sensor

- Cable length: 3 m
- Operating temperature: max. 70°C

Dimensions

- 195 x 100 x 40 mm
- Weight: 470 g

Options

- High temperature sensor (up to 125°C)
- Waterproof sensor
- Double sensor

Changes without notice

Updated: 26/04/2011
Updated by BS