**Sonicflow Flowmeters**

*Non-Invasive, Flow Rate and Total Flow Indication, ±2% Accuracy, Portable*

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**The Portable Series UF Sonicflow Flowmeters** are non-invasive “transit time” ultrasonic flowmeters designed to help service/maintenance and commissioning engineers take quick, accurate flow readings. Flow rates up to 26 ft/sec (8 m/sec), of almost any clear or cloudy liquid can be measured with ±2% accuracy. Easy to install flow transducers mount directly to a variety of pipe materials such as stainless steel, cast iron, ductile iron, PVC, copper, and concrete with diameters of 1/2” to 4-1/2” using Model UF10A or 2” to 15.75” using Model UF35A. Models feature a 4-20mA output signal.

Set up is simple using the 16 key tactile membrane. Program flow rate indication in GPM, LPM, ft/sec, or m/s and display total flow in gallons or liters. Flowmeter includes transducer assembly, interconnecting cable, couplant, batteries, universal mains supply, case, and instruction manual. Calibration certificate included.

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**Model UF10A, Sonicflow Flowmeter**

**Model UF35A, Sonicflow Flowmeter**

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**SPECIFICATIONS**

- **Range:** UF10A: 0.13 to 26 ft/sec (0.04 to 8 m/s); UF35A: 1.6 to 26 ft/sec (0.5 to 8 m/s).
- **Pipe Range:** UF10A: 1/2” to 4-1/2” (13 to 115 mm) nominal bore. UF35A: 2” to 15.75” (50 to 400 mm) nominal bore.
- **Accuracy:** ±2% of reading.
- **Repeatability:** ±0.5% or ±0.1 LPM (whichever is greater).
- **Display:** 7-digit flow rate in GPM, LPM, LPS, m³/HR, ft/sec and m/s; 7-digit totalization in gallons, liters, or m³.
- **Display Resolution:** 0.1% of reading.
- **Response Time:** <2 seconds.
- **Operating Temperature:** 32 to 113°F (0 to 45°C).
- **Storage Temperature:** -4 to 131°F (-20 to 55°C).
- **Transducer Operating Temp:** -4 to 257°F (-20 to 125°C).
- **Power:** Four AA rechargeable batteries.
- **Guide Rail Length:** UF35A: 15.6” x 1.3” x 1.7” (395 x 33 x 42 mm). UF10A: 8.25” x 1.4” x 1.06” (210 x 36 x 27 mm).
- **Cable Length:** 6.5 ft (2 m).
- **Housing:** ABS, IP55 rating.
- **Weight:** 17.5 oz (500 g) including transducers.
- **Output Signal:** Pulse 0-5V and 4-20 mA on.
- **Agency Approvals:** CE.