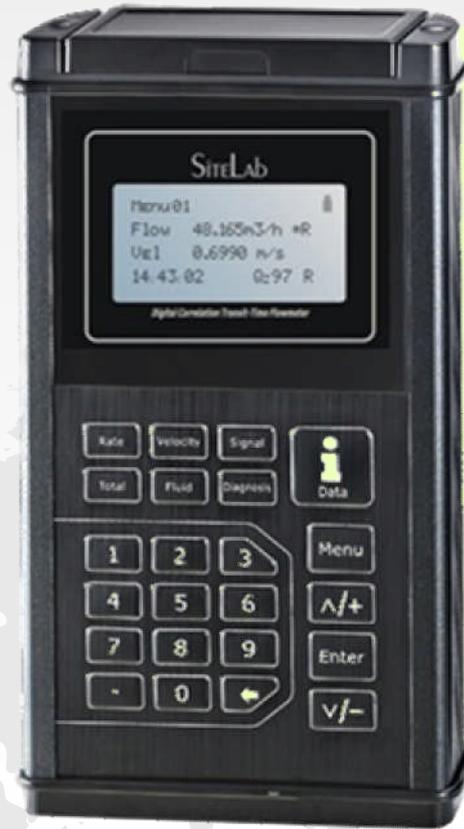


## SL1168P PORTABLE DIGITAL HANDHELD TRANSIT TIME FLOWMETER

### FEATURES

- ❖ High accuracy measurement. Accuracy +/- 1.0% of reading; Repeatability +/- 0.3% of full scale; Linearity +/-1.0% of reading.
- ❖ Flowrange 0 to 12 m/s.
- ❖ Non-intrusive, clamp-on installation. Easy and fast. No moving parts. Maintenance free. Light weight, Handheld design.
- ❖ Suitable for all commonly used pipe materials and liquids Suitable for pipes from 25- 1200mm
- ❖ 11 VDC rechargeable lithium-ion battery for continuous operation for up to 16 hours
- ❖ Wide measurement temperature range 0- 80 Degrees C.
- ❖ Built-in data logger and flow totalizers.
- ❖ Self-explanatory user interface. Easy to operate.
- ❖ 2 Gb SD memory card for high capacity Data logging (512 files max; interval 5 to 60 seconds)
- ❖ Software to download SD Card to PC.
- ❖ Analog output 4 to 20 mA (max 750 ohms).
- ❖ NEMA 13 (IP 54) transmitter with tactile Entry keys and 64 x 128 alphanumeric backlit LCD.
- ❖ Ambient conditions 0-60 Degrees C Up to 99% relative humidity (noncondensing).
- ❖ Encapsulated transducers; IP 68 with 16 ft (5m) standard cable.
- ❖ Lightweight 2.2lb (1.0kg) and easily transportable.
- ❖ Low installation effort and costs.
- ❖ Clamp-on sensors require no pipe cutting or process interruption and no plant shut-down. Magnetic sensor clamping fixture with slip scale gauge. Chain straps included for nonmagnetic pipe.
- ❖ Hygienic measurement, no risk of contamination, suitable for ultra clean Liquids
- ❖ Supplied in convenient carrying case holding all components including transducers, transducer leads, two magnetic transducer carriers, carrier chains, acoustic coupler grease, instructions and software



### GENERAL

The SiteLab SL1168P Portable Digital transit time ultrasonic flow meter provides a measuring system with excellent accuracy, versatility, ease of use, and dependability. This universal meter features a pushbutton interface, ergonomic handheld design and a large digital display that significantly simplifies set-up and data collection. Although designed primarily for cleaner liquids, the S1168P can reliably measure liquids containing moderate amounts of suspended solids. Its high-powered ultrasonic pulse with improved digital signal processing requires just one set of transducers for a wide range of pipe sizes and materials including metal, plastic and concrete.

### Applications By Industry

- Water supply/Irrigation
- Waste water treatment
- Seawater desalination
- Pure/Ultra-pure water
- Industrial process water
- Cooling/Heating water
- Petrochemical
- Chemical
- Crude oil
- Lubricant oil
- Beverages
- Many others...