Series PUX Portable Ultrasonic Flowmeter Converters are paired with Series PSX2 sensors in order to utilize the transit-time difference for measuring flow rates in pipes from the outside. It is a compact and lightweight instrument incorporating the latest electronics and digital signal processing technologies, realizing high performance and easy operation. This portable unit is designed for 5 hours of continuous operation with its built-in battery, which only requires 3 hours to recharge.

**Series PUX Portable Ultrasonic Flowmeter Converters:**
- Reduced size and weight
- Compatible with a wide range of sensors
- Quick response with high-speed microprocessor
- Large type graphic LCD

**SPECIFICATIONS**

*Service:* Homogeneous liquids (water, sea water, oil, and fluid of unknown velocity) capable of ultrasonic wave propagation.
*Input:* BNC connector, coaxial cable from sensor.
*Range:* 0 to ±105 fps (0 to ± 32 m/s).
*Display:* LCD, 240 x 320 dot (with back light).
*Accuracy:* ±1.0% of rate.
*Power Requirement:* Built in special type Ni-Cad battery (Continuous operation time: 5 hours without printer and back light off) (Recharging time: 3 hours, power adapter used).
*Power Consumption:* 12 W or less.
*Power Adapter:* Special type power adapter 90 to 264 VAC, 47/63Hz.
*Power Failure Backup:* Memory backup with lithium battery (effective term, 5 years).
*Temperature Limits:* Ambient 131°F (55°C) without printer; 113°F (45°C) with printer.
*Output:* 4 to 20 mA DC, 1 point (load resistance, 0 to 1 kohms).
*Serial Communications:* RS-232C (not isolated), 1 point.
*Enclosure Rating:* Dust-proof, IP50.
*Weight:* 3.3 lb (1.5 kg) without printer; 4.4 lb (2.0 kg) with printer.