



SL1188 Dedicated Ultrasonic Flowmeter

Model SL1188 is a dedicated ultrasonic flowmeter. It incorporates data logging, and uses a “Converter” to download and convert the flow data easily into an excel file. The user can analyze and edit reports, GPRS wireless data transmissions, lightning resistance, etc.

- SD card mass storage
- Can realize large-screen real time flow curve display
- GPRS remote data transfer
- Batch controller
- Suitable for diverse fluid mediums
- High accuracy clamp-on and inserted transducers can be quickly online installed
- Built-in international heat/cold energy meter function
- High reliability, long-term stable operation, no moving elements, can almost reach zero maintenance

Specifications:

Flow range	0 ~ ±40 ft/s (0 ~ ±12m/s)
Accuracy	±1% of reading
Repeatability	0.3%
Measuring pipe range	1" ~ 200" (25mm ~ 5000mm)
Medium temperature	-40°C ~ 80°C (-40F ~ 176F)
Display	20 x 2, alphanumeric, backlit LCD
Power supply	90~245VAC, 10~36VDC
Output	4~20mA, maximum 750 ohms OCT pulse, 0~10 KHz, Relay output
Communication	RS232 (standard) RS485 (optional)
Enclosure material	Die-cast aluminum machined enclosure
Protection rating	IP65
Dimensions	200(W) x 198(H) x 92(D) mm

SL1188P Portable Ultrasonic Flowmeter

Model SL1188P is a portable ultrasonic flowmeter. It collects flow data via a PDA, and uses “UFM” software to download the flow data.



The SL1188P portable ultrasonic flowmeter consists of flow sensors (ultrasonic), a flow transmitter and a personal digital assistant (PDA). The SL1188P package has convenient magnetized transducer racks, good operational interface, and high memory card. It is designed to be user friendly, and even in the worst industrial environments; it is well protected by its high-strength shock resistant case with the rubber ring seals and NEMA4 rating. Even if it is dropped into water it should work normally. It is a portable flowmeter made with expertise.

- SD card mass storage
- Magnetized pipe clamps, can be easily installed
- Suitable for diverse fluid mediums
- High reliability, long-term stable operation, no moving elements, can almost reach zero maintenance

Specifications:

Flow range	0 ~ ±40 ft/s (0 ~ ±12m/s)
Accuracy	±1% of reading
Repeatability	0.3%
Measuring pipe range	1" ~ 200" (25mm ~ 5000mm)
Medium temperature	-40°C ~ 80°C (-40F ~ 176F)
Power supply	Internal lithium battery with 8 hours of operation
Output	4~20mA, maximum 750 ohms
Communication	Bluetooth
Protection rating	IP65
Dimensions	138(W) x 270(H) x 36(D) mm



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SL3488 High Dynamic Response Ultrasonic Flowmeter

The model SL3488 inline ultrasonic flowmeter (here in after referred to as SL3488) is a true state-of-the-art transit-time flowmeter designed using PICOFLY technology and 0.01nanosecond (10 picoseconds) resolution; the flow sample rate achieved is 256 discrete flow measurements per second, which provides a true high dynamic response flowmeter. This makes this meter perfect for rapid on/off or pulsating flow applications.

SL3488 is designed using the latest digital technology. This meter features high reliability, low maintenance and no moving parts. Unique digital signal processing and correlation programming from the MPU provide instantaneous meter measurement (no damping needed)

SL3488 has been tested under rigorous field working conditions and has shown steadfast performance, which offers the customer confident of worry-free measurement. Compared with other flowmeters and other ultrasonic flowmeters, the SL3488 is characterized by high accuracy, high credibility, superior performance, very rapid response to flow changes, and low cost.

- Suitable for diverse fluid mediums
- High reliability, long-term stable operation, no moving elements, can almost reach zero maintenance

Specifications:

Flow range	0~7m/s
Accuracy	±0.5% of reading
Repeatability	0.2%
Measuring pipe range	DN25~DN250
Medium temperature	-40°C ~ 80°C (-40F ~ 176F)
Display	20 x 2 alphanumeric, backlit LCD
Power supply	90~245VAC @50/60Hz 12~12VAC @50/60Hz 12~36VDC
Output	OCT pulse output, relay output
Communication	RS232
Enclosure material	PC/ABS Engineering Plastic enclosure
Protection rating	IP66
Dimensions	184(W) x 237(H) x 112(D) mm

SL1168 Ultrasonic Flowmeter

SL1168 ultrasonic flowmeter uses the latest digital technology and low-voltage broadband pulse transmission. The instrument is tolerant of liquids with small amounts of air bubbles or suspended solids found in most industrial environments. With distinctive features such as high accuracy, high reliability, the MPU in the instrument provides unique digital signal processing and a relevant test programs.

This flowmeter provides long-term no-drift measurements and sorts the operating software to adjust parameters according to changing conditions.

- Economical, high cost performance, simple function, easy to operate
- Single fluid medium: water
- High reliability, long-term stable operation, no moving elements, can almost reach zero maintenance

Specifications:

Flow range	0 ~ ±40 ft/s (0 ~ ±12m/s)
Accuracy	±1.0%
Repeatability	0.3%
Measuring pipe range	1" ~ 16" (25mm ~ 400mm)
Medium temperature	-40°C ~ 80°C (-40F ~ 176F)
Display	20 x 2 alphanumeric, backlit LCD
Power supply	10~36VDC, 200mA(MAX)
Output	0~9999Hz, OCT
Protection rating	IP65



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