



Sun Sonic®

Umeter® Clamp

Ultrasonic Water Meter

Quick & Simple Installation
Easy Clamp Design



Applications

The Umeter® Ultrasonic Water Meter detects large flow ranges with the highest accuracy by using ultrasonic technology and no moving parts. The Umeter® Clamp clasps onto CPVC, PEX, and copper piping to supply accurate data over its entire lifetime.

Standard Features

- NTEP certified for use in all orientations, angles, and directions.
- Superior, fast installation.
- No leaks guaranteed.
- Smart Protocols.
- Meets AWWA C715 accuracy.
- UL Certified and Listed:
 - UL 1951 Electric Plumbing Accessories.
 - UL 2043 Plenum-Rated Compliant.
- Most versatile communication output.
- Suspected Leak Detection.

Umeter® Clamp Design

The patented clamp design enables the user to simply clamp the meter to the pipe without any tools, plumbing expertise, or materials with the confidence the installation will never leak.

- Simple and efficient design saves time and installation costs.
- Works with CPVC, PEX Type A, B, and Copper Type L, M.
- Available in 3/4 inch (-075) and 1 inch (-1).
- Patented clamp.

Smart Protocols

Smart Protocols are shown on the LCD screen and can be sent to optional devices.



General Alerts



Reverse Flow



Suspected Leak Detection



Empty Pipe



Suspected Burst Pipe



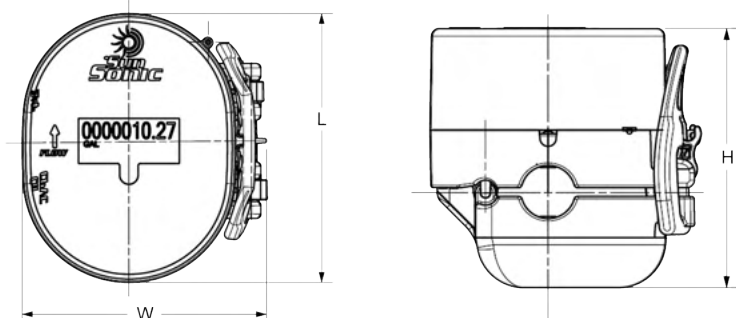
Battery Indicator

Outputs

Three outputs in one meter for versatile communication with most all devices such as wireless transmitters, remote readouts, and utility type information.

- Pulse output.
- Encoded output (Sensus Protocol).
- Smart Protocol.

Product Specifications

		
Umeter® Series Size	3/4 in.	1 in.
Flow Range	0.05 - 35 gpm.	0.15 - 55 gpm.
Umeter®-C-CPVC/CU (L x W x H)*	4.78 in. x 4.30 in. x 4.14 in.	4.78 in. x 4.30 in. x 4.25 in.
Umeter®-C-PEX (L x W x H)*	4.78 in. x 4.30 in. x 3.32 in.	
Meter Flow Orientation	Any orientation, angle, and/or direction.	
Pipe Type	CPVC, PEX A and B, Copper L and M.	
Storage Temperature	-20° - 140°F (-28.9 - 60°C)	
Measured-fluid Temperature Range	36° - 90°F (2.2° - 32.2°C)	
Battery	Replaceable 10-year battery life.	

*When ordering, confirm you are ordering the correct Umeter® based on pipe type and size.



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