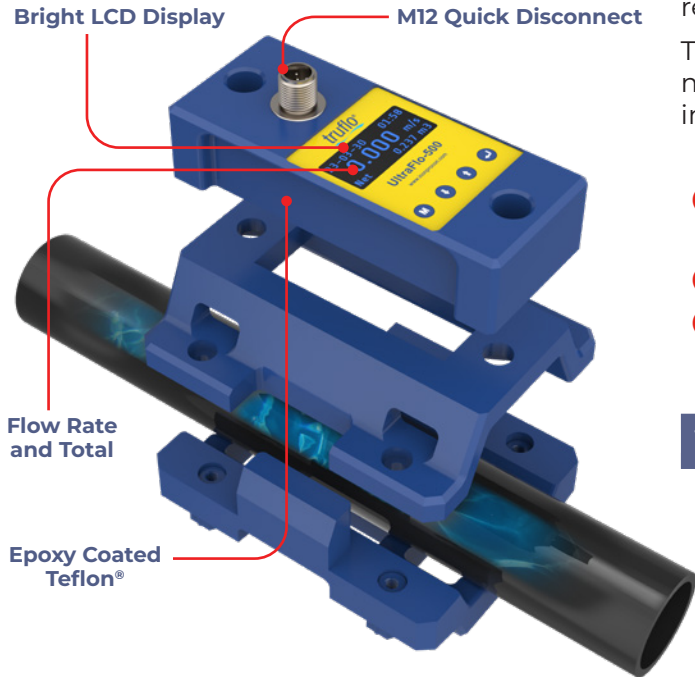


UltraFlo® UF-500

Clamp-On Ultrasonic Flow Meter



- ✓ Under 2 Minute Installation Time
- ✓ No Contact with Liquid
- ✓ No Moving Parts
- ✓ 4–20mA | RS485 Output

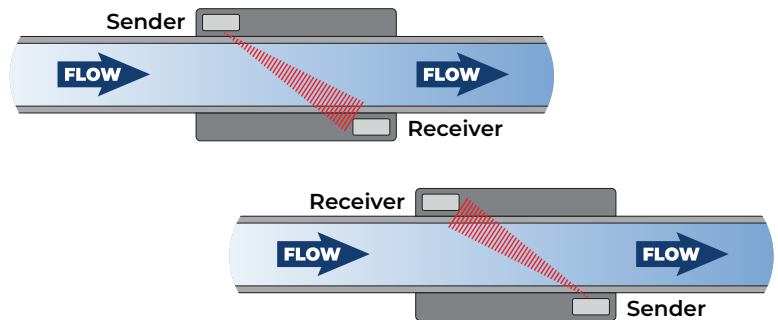


Convenience, Accuracy and Value in an Ultrasonic Flow Meter

The Truflo® UF500 series clamp-on ultrasonic flow meters are easy to install with exceptional long life performance and they require no alteration to current piping configurations. The sensor sends over 50 pulses/sec in order to provide accurate measurement of liquid flow rates in full pipes and can be used in low pressure systems.

- ✓ Wide Dynamic Flow Range of 0.3 to 15 ft/s | 0.1 to 5 m/s
- ✓ Lightweight
- ✓ Excellent External Corrosion Resistance

Working Principle



Teflon® Epoxy Coated Aluminum

M12 Quick Disconnect

- ✓ Replaces Flying Lead Connections
- ✓ Reduces Setup Time
- ✓ Watertight Design

Features

- ✓ No Pipe Cutting
- ✓ Flow Rate + Totalizer | Resettable
- ✓ Works on PVC | PP | PVDF | PE | SS | Copper
- ✓ Simple Programming



Aluminum



UltraFlo® UF-500

Clamp-On Ultrasonic Flow Meter



General

Operating Range	0.3 – 15 ft/s	0.1 – 5 m/s
Pipe Size Range	½ – 4"	DN15 – DN100
Temperature Range	32 – 122°F	0 – 50°C
Repeatability	±0.8% of max. range @ 25 °C (77 °F)	
Linearity	±2.0% of max. range @ 25 °C (77 °F)	

Materials

Sensor Body	Epoxy Coated Teflon® Aluminum
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Electronics

Power Supply	24 VDC
Connection	M12

Display

LCD 128 * 64 Dot Matrix

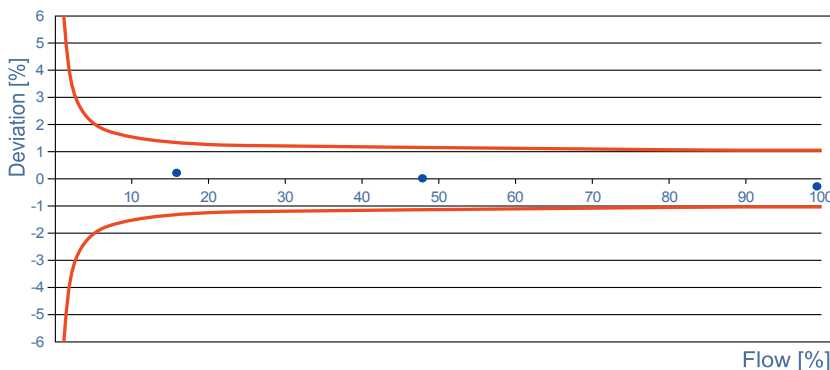
Totalizer Units

6-Digit Accumulator

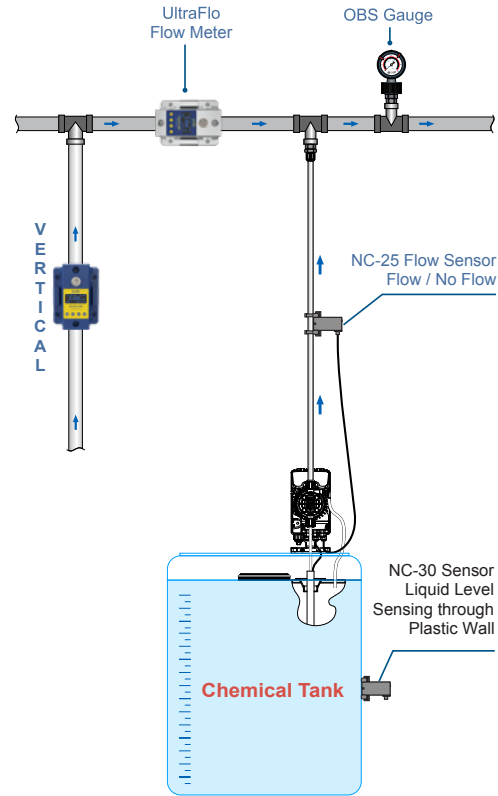
Standards and Approvals

CE FCC
RoHS Compliant

Measuring Points



Application Example



Model Selection

UF-500 - T - 25

Body Material	Pipe Size			
T: Teflon® Epoxy Coated Aluminum	15: ½"	25: 1"	50: 2"	100: 4"
A: Aluminum	20: ¾"	40: 1½"	80: 3"	