

UltraFlo® 500

Clamp-On Ultrasonic Flow Meter



- Under 2 Minute Installation Time
- No Contact with Liquid
- No Moving Parts



Product Description

The Truflo® UF500 Series Clamp-On Ultrasonic Flow Meters are easy to install with exceptional long life performance.

They are highly repeatable, rugged sensors that offer exceptional value with little or no maintenance. The UF500 has a wide dynamic flow range of 0.3 to 15 ft/s | 0.1 to 5 m/s.

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.

The UF500 is available in ABS or Aluminum providing the combination of being lightweight and having excellent external corrosion resistance.

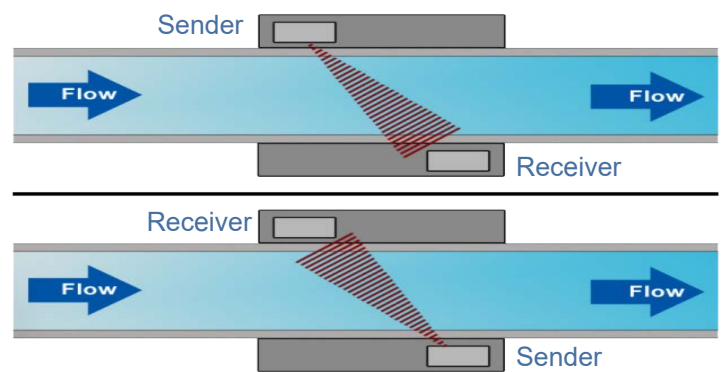
The UF500 Ultrasonic Flow Meters can be installed in under 2 minutes and requires no alteration to current piping configurations.

Clamp-On Design

- No Pipe Cutting
- No Contact with Liquid
- Simple Installation Process
- Works on PVC | PP | PVDF | PE | SS | Copper



Working Principle



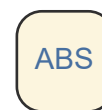
M16 Quick Disconnect

- Replaces Flying Lead Connections
- Reduces Setup Time
- Watertight Design
- Moisture and Dust Sealed



Features

- Large Blue LCD Display
- No Pipe Cutting
- Flow Rate + Totalizer | Resettable
- Eprom Memory | Totalizer Value Will Not Be Lost
- Works on PVC | PP | PVDF | PE | SS | Copper
- Simple Programming



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General

Operating Range	0.3 to 15 ft/s	0.1 to 5 m/s
Pipe Size Range	½ - 2"	DN15 to DN50
Linearity	±2.0% of max. range @ 25 °C (77 °F)	
Repeatability	±0.8% of max. range @ 25 °C (77 °F)	

Materials

Sensor Body	ABS Aluminum
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Electronics

Power Supply	24 VDC
Connection	M16

Display

LCD 128 * 64 Dot Matrix

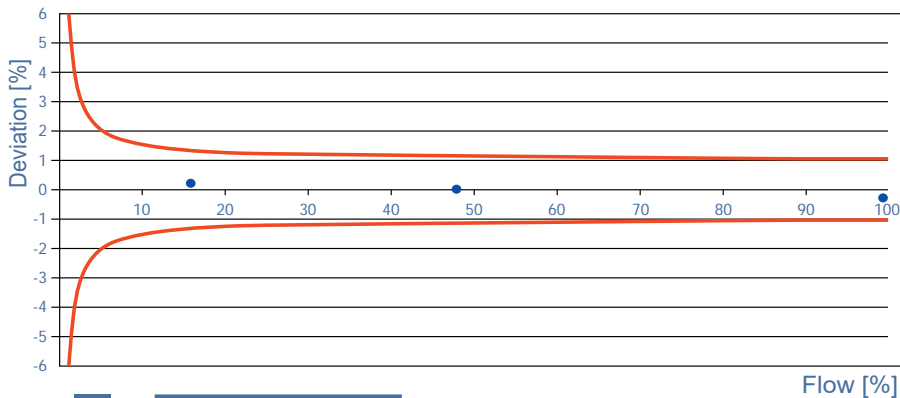
Totalizer Units

6-Digit Accumulator

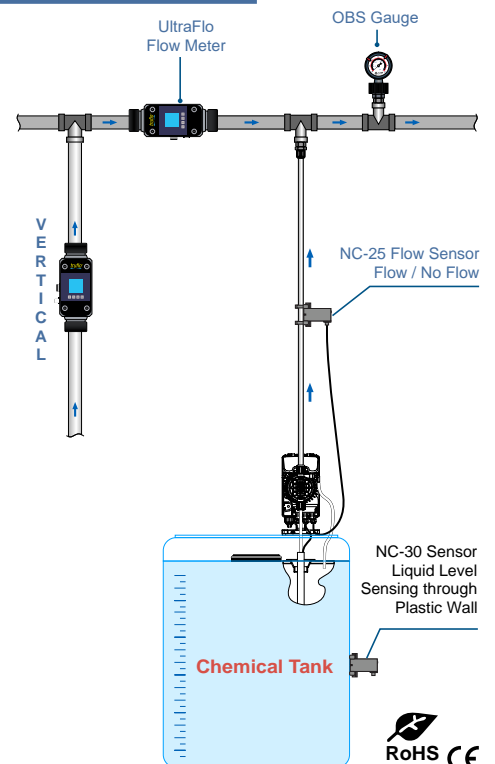
Standards and Approvals

CE FCC
RoHS Compliant

Measuring Points



Application Example



Model Selection

UF 500 - A - 25

Body Material	Pipe Size	
A - ABS	15 - ½"	40 - 1 ½"
AL - Aluminum	20 - ¾"	50 - 2"
	25- 1"	

