

UltraFlo® 2000 SERIES

Ultrasonic Flow Meter



- ✓ Measures Dosing | Pulsating Flow
- ✓ No Moving Parts
- ✓ Ultra Low Flow Applications



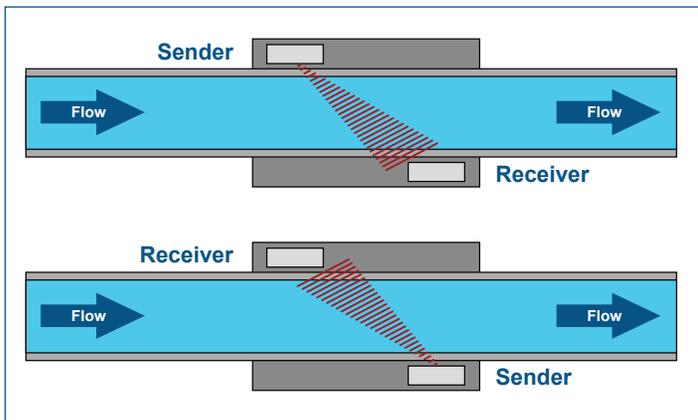
Product Description

The **UltraFlo® 2000** Flow Meter utilizes ultrasonic technology to measure both conductive and non conductive liquids, and is an excellent choice for very corrosive liquids such as strong acids and alkalis.

The **UltraFlo® 2000** has no moving parts and can measure pulsating, dosing and metering flow applications. All parts that contact the liquid are made of corrosion resistant HDPE.

The **UltraFlo® 2000** is characterized by its high measurement accuracy, repeatability and guaranteed long-life performance.

Working Principle



HDPE

Features

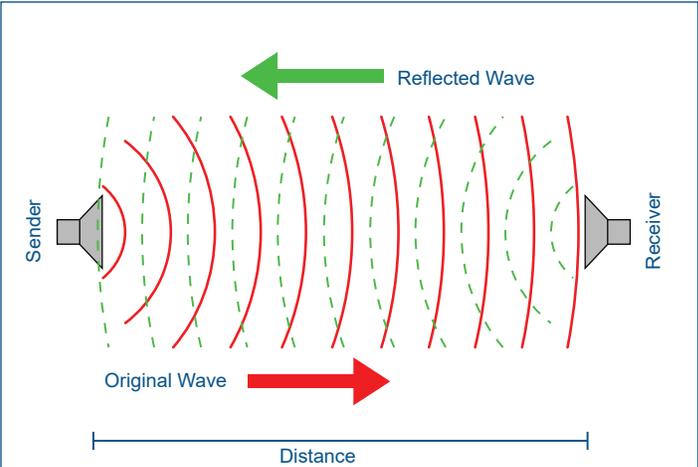
- ✓ All Plastic HDPE Wetted Materials
- ✓ High Accuracy: $\pm 1.0\%$
- ✓ Superior Corrosion Resistance
- ✓ 4-20mA + Pulse Relay Output | RS-485
- ✓ Negligible Pressure Drop
- ✓ Empty Pipe Alarm
- ✓ Air Bubble Detection

Blind Display Option

- ✓ Output to a PLC or a Remote Display
- ✓ 4-20mA + Pulse Relay Output | RS-485
- ✓ NEMA 4X



Sound Wave Technology

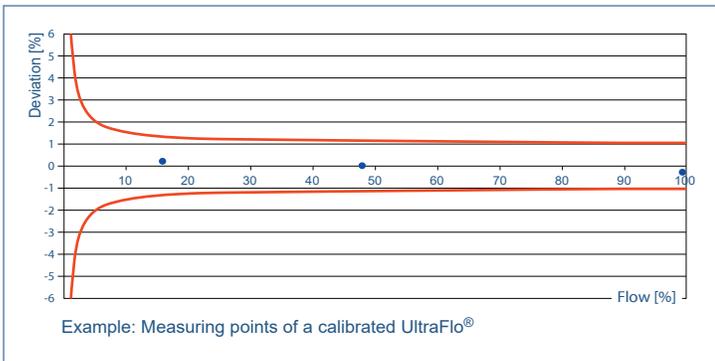


- ✓ 250 Pulses/sec
- ✓ No Moving Parts
- ✓ Full-Port Design
- ✓ Piezo-Type Sensing Transducers

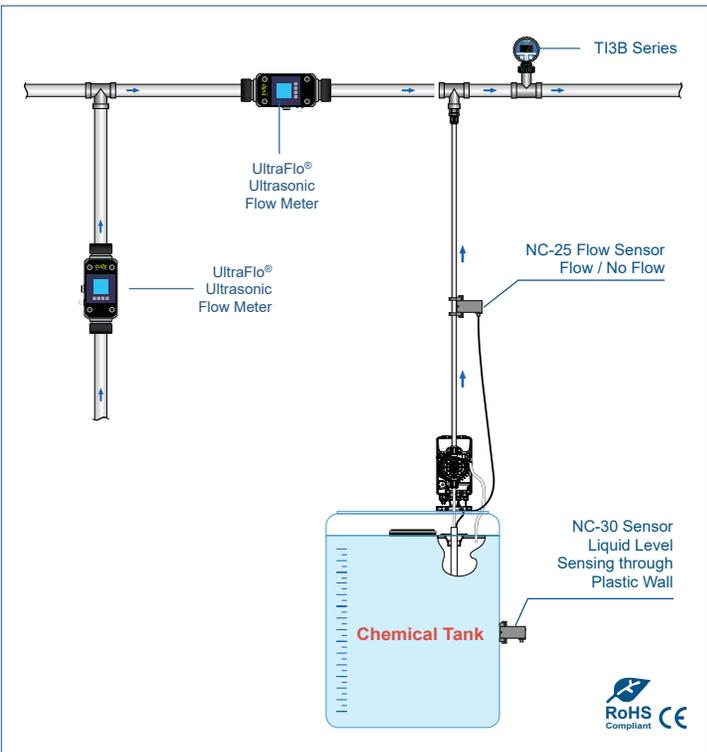
Technical Specifications

Electrical	
Material	HDPE
Connection	IP67 NEMA 4X
Medium Temperature	-20 - 160°F -29 - 107°C
Measuring Range GPM LPM	0.8 - 80 3.0 - 300
Max. Pressure Non-Shock	100 psi 7 bar
Process Connection	2"
Dimensions L W H mm	220 95 98
Weight lbs	2.2
Electrical	
Power Supply	24VDC 3.6W
Connection	M12
Output	4-20mA + Pulse Relay RS-485
Display	
LCD Display	Simultaneous display of volume flow, quantity, bar graph, lighted
Standards and Approvals	
CE FCC RoHS Compliant	

Measuring Points



Application Example



Model Selection

Size	Part Number	Material
2"	UFM-2000-50	HDPE