

UltraFlo® 2000 SERIES

Ultrasonic Flow Meter



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



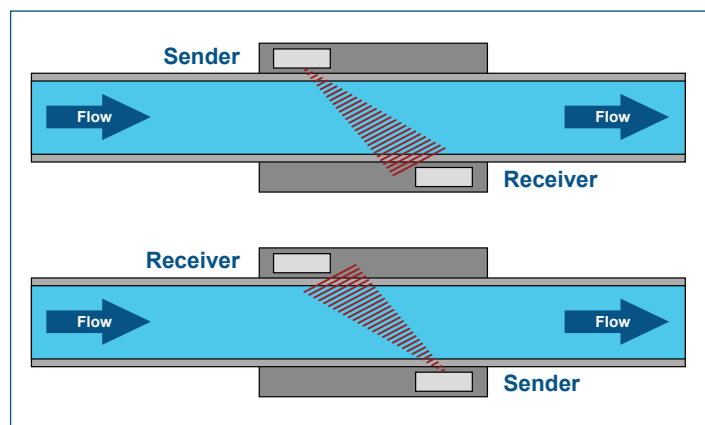
Product Description

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

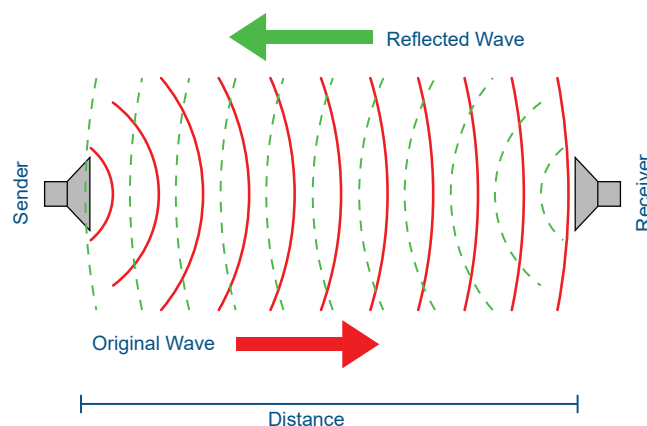
- ✓ All Plastic HDPE Wetted Materials
- ✓ High Accuracy: $\pm 1.0\%$
- ✓ Superior Corrosion Resistance
- ✓ 4-20mA + Pulse Relay Output | RS-485
- ✓ Negligible Pressure Drop
- ✓ Empty Pipe Alarm
- ✓ Air Bubble Detection

Blind Display Option

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



Sound Wave Technology

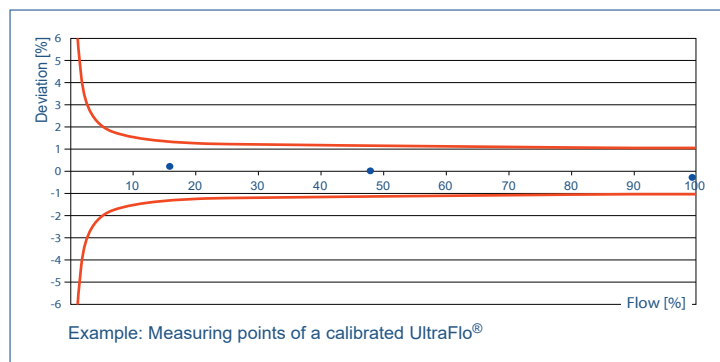


- ✓ 250 Pulses/sec
- ✓ No Moving Parts
- ✓ Full-Port Design
- ✓ Piezo-Type Sensing Transducers

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



Model Selection

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

Application Example

