

TruFlo® — UltraFlo® 2000 SERIES

Ultrasonic Flow Meter

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



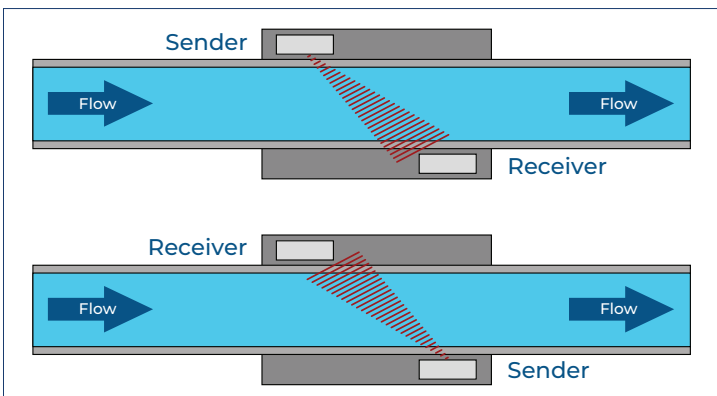
Product Description

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



Features

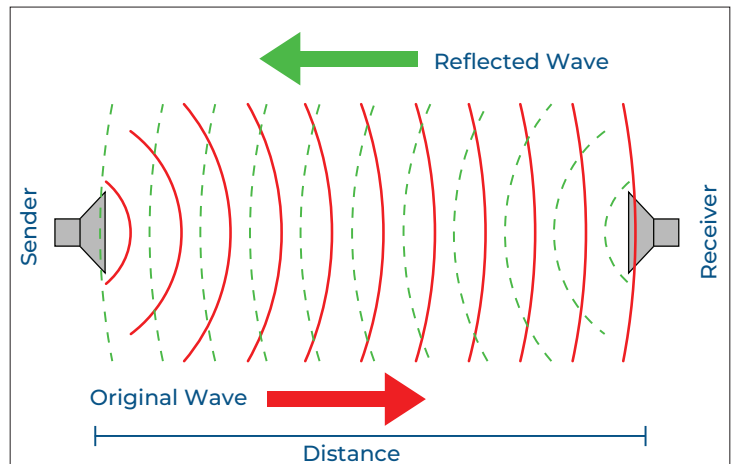
- ✓ All Plastic HDPE Wetted Materials
- ✓ High Accuracy: $\pm 1.0\%$
- ✓ M12 Quick Connect
- ✓ Superior Corrosion Resistance
- ✓ 4-20mA + Pulse Relay Output | RS-485
- ✓ Negligible Pressure Drop
- ✓ Empty Pipe Alarm
- ✓ Air Bubble Detection

Blind Display Option

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



Sound Wave Technology



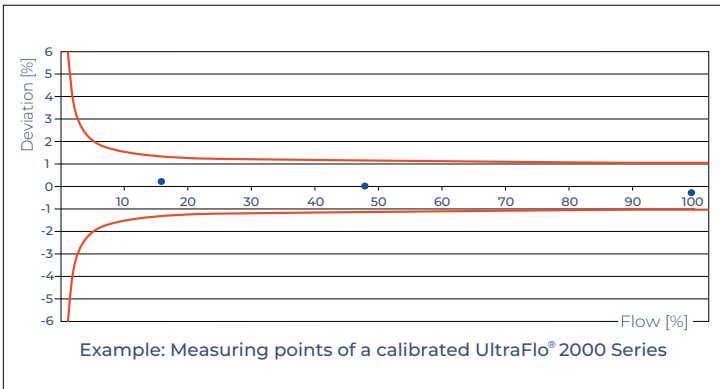
- ✓ 250 Pulses/sec
- ✓ No Moving Parts
- ✓ Full-Port Design
- ✓ Piezo-Type Sensing Transducers



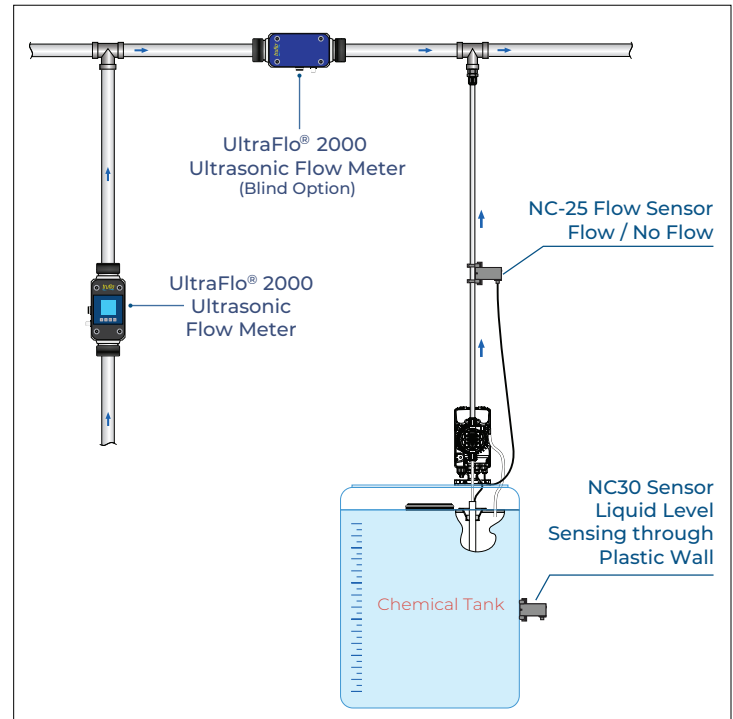
Technical Specifications

General	
Material	HDPE
Connection	IP67 NEMA 4X
Medium Temperature	-20 to 160°F -29 to 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
LCD Display	Simultaneous display of Volume Flow, Quantity, Bar Graph, Lighted.
Standards and Approvals	
CE FCC RoHS Compliant	

Measuring Points



Application Sample



Model Selection

UltraFlo® 2000 — Ultrasonic Flow Meter		
Size	Part Number	Material
2"	UFM-2000-50	HDPE