

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



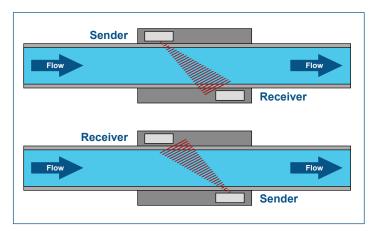
Product Description

The **UltraFlo® 5000** 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 alkalies.

The **UltraFlo® 5000** has no moving parts and can measure pulsating, dosing and metering flow applications. All parts that contact the liquid are made of corrosion resistant Polysulfone.

The **UltraFlo® 5000** is characterized by its high measurement accuracy, repeatability and guaranteed long-life performance.

Working Principle





Features

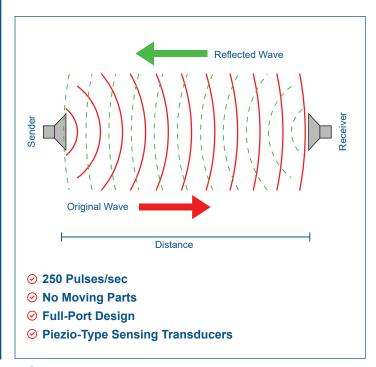
- **⊘** All Plastic PE Wetted Materials
- **⊘** High Accuracy: ± 1.0%
- M12 Quick Disconnect
- **⊘** Superior Corrosion Resistance
- **⊘** Negligible Pressure Drop
- Empty Pipe Alarm
- Air Bubble Detection

Blind Display Option

- Output to a PLC or a Remote Display
- **⊘** NEMA 4X



Sound Wave Technology

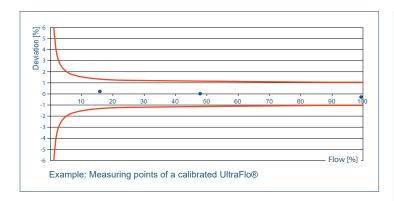




Technical Specifications

General			
Material	PE		
Protection Class	IP67 NEMA 4X		
Medium Temperature	14 -176°F -10°- 80°C		
Measuring Range GPM LPM	0.005 - 0.8 0.2 - 3.0	0.02 - 1.6 0.09 - 6	0.08 - 6.3 0.3 - 24
Max. Pressure Non-Shock	100 psi 7 bar	100 psi 7 bar	100 psi 7bar
Dimensions L W H mm	168 147 50	168 147 50	171 147 50
Weight PE Ibs	1.4	1.4	1.6
Weight PVDF lbs	2.4	2.4	2.6
Process Connection			
Outside Thread	1/2"	3/4"	1"
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
1/2"	UFM-5000-50	PE
3/4"	UFM-5000-75	PE
1"	UFM-5000-100	PE

Application Example

