The Model UFM Compact Ultrasonic Flowmeters are economical, clamp-on, ultrasonic flowmeters. The Model UFM implements the transit-time difference to measure flow rates in pipes and can measure velocity and flow in pipes with outside diameters ranging from 0.98 to 4.62” (24.89 to 117.35 mm). This model comes with a volume pulse and 4-20 mA flow rate output.

**APPLICATIONS**
- Backlight for visual comfort
- Screen offers easy to read text displaying both flow rate and total with a convenient unit intended for homogeneous liquids that contain no air
- Compact and lightweight design, featuring an easily installed, all in one clamp-on sensor, cables and mounting accessories
- Simple installation with all necessary components included such as converter, ultrasonic pipe measurement

**FEATURES/BENEFITS**
- Volume pulse and 4-20 mA flow rate output.
- Diameters ranging from 0.98 to 4.62” (24.89 to 117.35 mm). This model comes with ultrasonic flowmeters. The Model UFM-1 Compact Ultrasonic Flowmeters are economical, clamp-on, ultrasonic flowmeters. The Model UFM implements the transit-time difference to measure flow rates in pipes and can measure velocity and flow in pipes with outside diameters ranging from 0.98 to 4.62” (24.89 to 117.35 mm). This model comes with a volume pulse and 4-20 mA flow rate output.

**APPLICATIONS**
- Flow measurement for heat metering
- Chilled water metering and monitoring
- Potable water metering and monitoring
- Process water metering and monitoring

**FEATURES/BENEFITS**
- Flow measurement for heat metering
- Chilled water metering and monitoring
- Potable water metering and monitoring
- Process water metering and monitoring

**APPLICATIONS**
- Plumbing
- HVAC

**FEATURES/BENEFITS**
- Ultrasonic Thickness Gage
- Ideal For Use with Ultrasonic Flow Transmitters, Adjustable Sound Velocity

**APPLICATIONS**
- Set of small pipe adaptor V clamps
- Set of 1.81 to 2.75˝ (46 to 70 mm) clamps
- Converter with adjustable guiderail

**FEATURES/BENEFITS**
- Resolution: 0.001˝ / 0.1 mm.
- Accuracy: ±0.5% of measured value.

**SPECIFICATIONS**
- Service: Clean water with < 3% by volume of particulate content.
- Range: 0.33 to 32.8 ft/s (0.1 to 10 m/s).
- Display: Backlit: 3.27˝ H x 0.74˝ W (83.1 x 18.8 mm), 2 line x 16 characters.
- Accuracy: ±3% of flow reading for > 0.98 ft/s (> 0.3 m/s).
- Power Requirements: 12-24 VDC or VAC.
- Power Consumption: 7 W max.
- Temperature Limits: Process: 32 to 185°F (0 to 85°C); Ambient: 32 to 122°F (0 to 50°C).
- Outputs: Analog: 1 opto-isolated: 4 to 20 mA, Error current: 3.5 mA; Pulse: 1 opto- isolated MOSFET relay, 500 mA max, 166 pps max, 200 Hz max.
- Response Time: < 1 s.
- Weight: 2.9 lb (1.315 kg).
- Agency Approvals: CE.

**ADDITIONAL SPECIFICATIONS**
- Applicable Pipe Material: Steel, copper, or plastic.
- Pipe Outside Diameter: 0.98 to 4.62” (24.89 to 117.35 mm).
- Applicable Pipe Lining: None.
- Pipe Wall Thickness: 0.02 to 0.39” (0.5 to 10 mm).

**OPTION**
- Use order code: Description
- Price

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Price</th>
</tr>
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<tbody>
<tr>
<td>UFM-1</td>
<td>Compact ultrasonic flowmeter</td>
<td>$2166.00</td>
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*Items are subject to Schedule B discounts.

The Model UTG Ultrasonic Thickness Gage measures the thickness of a variety of materials. The UTG works on a variety of parallel surface material ranging from 0.05 to 7.9˝ (1.2 to 200 mm). This model comes with a volume pulse and 4-20 mA flow rate output.

**APPLICATIONS**
- Corrosion in closed vessels
- Monitoring corrosion in closed vessels such as boilers and chemical tanks
- Ultra-thick materials. The UTG works on a variety of parallel surface material ranging from 0.05 to 7.9˝ (1.2 to 200 mm).

**FEATURES/BENEFITS**
- Resolution: 0.001˝ / 0.1 mm.
- Accuracy: ±0.5%.
- Resolution: 0.001˝ / 0.1 mm.
- Accuracy: ±0.5%.

**SPECIFICATIONS**
- NIST traceable calibration certificate.
- Use order code: Description
- Price

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<td>UTG</td>
<td>Ultrasonic thickness gage</td>
<td>$269.00</td>
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</tbody>
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*Items are subject to Schedule B discounts.

USA: California Proposition 65

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