Emerson Measurement Technology – At A Glance

A Breadth of Measurement Technologies to Meet All Application Needs

Pressure
- Gage and Absolute Transmitters
- Differential Pressure Transmitters
- Manifolds and Remote Seals
- Pressure Gauges
- Advanced Diagnostics

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Temperature
- Field, Head and Rail Mount Transmitters
- RTD's, Thermocouples and Thermowells
- Dual Input and High-Density Transmitters
- Rosemount™ X-well™ Technology
- Twisted Square™ Thermowell

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DP Flow
- Complete DP Flow meters
- Volumetric/Mass/Energy Calculations
- Orifice Plates, Annubar™, Conditioning Orifice Plates, Wedge Elements
- Multi-variable transmitters

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Level
- Guided Wave and Non-Contacting Radar
- Point Level (liquids & solids)
- Magnetic Level and Chambers
- Tank Gauging and Monitoring Systems
- Differential Pressure (DP) Level
- Advanced Diagnostics

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Pervasive Sensing
- Pressure, Level and Temperature technologies
- Plantweb Insight™
- Steam Traps/Relief Valve monitoring
- Gateways and Wireless THUM™
- Non-intrusive Corrosion and Erosion Monitoring

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Customer Care Contact Number: 1.800.999.9307

ROSEMOUNT™

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Emerson Flow Technology – At A Glance

Flow and Density Measurement Offerings with High Accuracy and Best-in-Class Performance

Coriolis Flow Meters

- Multi-variable measurements
- Insensitive to fluid properties
- Easy to install and maintain
- Excellent accuracy; Smart Meter Verification

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Magnetic Flow Meters

- Excellent accuracy
- Ideal for conductive slurries and liquids with corrosion and erosion resistant materials available
- No moving parts – obstruction-less
- Smart Meter Verification

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Vortex Flow Meters

- Online replacement measures liquid, gas and vapor
- Good accuracy and rangeability
- High reliability – no moving parts
- Low installed cost & lifecycle costs

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Non-Intrusive, Clamp-On Ultrasonic Flow Meters

- Highly repeatable flow measurement with zero drift
- No wear and tear and no risk of leakage
- Wide range of applications including large line sizes, corrosive materials and high temperatures

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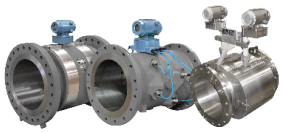
Custody Transfer Ultrasonic Flow Meters

- Used for custody transfer, allocation, checking metering, lead detection and storage
- No moving parts
- Bi-directional flow capabilities
- Predictive diagnostics



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Density and Viscosity Meters

- Online gas quality measurement
- Application specific, pre-configured outputs
- Known Density Verification meter health diagnostics
- Highly accurate online density, viscosity, and concentration measurement for liquids and gases

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Customer Care Contact Number: 1.800.522.6277

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