



ROSEMOUNT™ WIRELESS CORROSION AND EROSION MONITORING WITH THE MAGNETIC VESSEL MOUNT

Easy and reliable corrosion and erosion monitoring for tanks, vessels, large diameter pipes, and other large applications.

Unlock Corrosion and Erosion Monitoring in Large Applications Using Emerson's Magnetic Vessel Mount

Continuously monitor for corrosion and erosion on tanks, vessels, large diameter pipes, and other larger applications where previously not possible using the Magnetic Vessel Mount with Emerson's Rosemount™ Wireless Corrosion and Erosion Transmitters. This versatile and compact mounting style makes it easy to receive real-time corrosion and erosion risk and asset health data from your larger assets directly to your control room to help ensure a safe and efficient operation.

Designed for Ease of Use

- Install in minutes by simply mounting the transmitter in the measurement location and deploying the magnetic housings to the measurement surface
- Avoid a process shutdown to install the transmitter with this non-intrusive mounting style
- Eliminate the need to weld studs or the use of epoxies or couplants to install the transmitter
- Retrofit or move your corrosion measurement quickly and without any issue
- Maintenance free for up to 9 years (based on power module life)

Key Features of the Rosemount Wireless Corrosion and Erosion Transmitters with the Magnetic Vessel Mount

- Compatible with the Rosemount Wireless ET210, ET310, and ET310C Corrosion and Erosion Transmitters
- Able to measure application temperature up to 160 °C / 320 °F
- Measure through up to 1mm of external coatings
- Designed to work on diameters from 30NPS to completely flat



Rosemount Wireless ET210 Corrosion Transmitter with the Magnetic Vessel Mount.



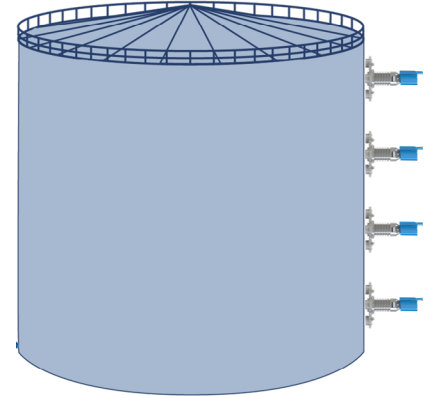
The Magnetic Vessel Mount's magnetic ends flip down to lock the transmitter into place.

USE THE MAGNETIC VESSEL MOUNT IN MANY COMMON APPLICATIONS

Application Examples

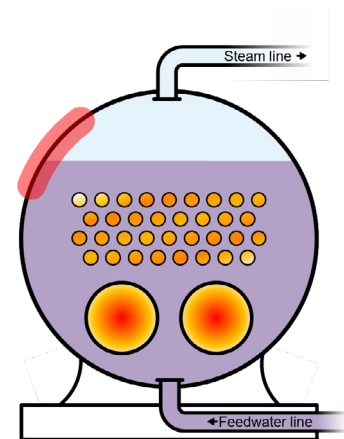
Tank Farms

Product storage is crucial for smooth operations, but the variety of materials in tank farms can lead to corrosion risks. If left unchecked, corrosion can accelerate, causing leaks that affect plant efficiency, profitability, and safety. By installing non-intrusive corrosion monitoring using the Magnetic Vessel Mount, you can ensure your tank farm stays in optimal condition and take corrective actions to minimize the risk of corrosion-related failures.



Boilers and Steam Drums – Vessel Wall

Vaporizing water flowing through waste heat recovery piping and saturated steam in the drum create the risk for corrosion. Corrosion can ultimately reduce the wall thickness to the point where a steam drum or water tube can no longer hold the pressure, resulting in a leak or tube burst. Because of this, it is critical to continuously monitor for corrosion, as corrosion-related boiler failures and efficiency losses can negatively impact plant efficiency, profitability, and safety.



For more information, visit [Emerson.com/Corrosion-Erosion](https://www.emerson.com/corrosion-erosion)

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