

ROSEMOUNT™ 9195 WEDGE FLOW METER

Reliable and fully integrated flow meter solution with unmatched durability for difficult applications

Rosemount Wedge Meter Solution

Emerson's Rosemount Wedge Meter technology provides optimized performance with an accurate, reliable, proven flow measurement, and is designed as a fully integrated flow meter solution. The Rosemount Wedge Meter can handle difficult applications such as slurries, dirty processes and abrasive fluids all while maintaining an accurate, repeatable flow measurement.

Application

Refining

- **Coker Heater:** Remote seals are built to withstand high temperature applications while maintaining resistance to abrasion in the wedge element
- **Tower Bottoms:** Another high temperature location found in refineries, remote seals can handle the heat and prevent buildup seen in normal impulse lines
- **Sour Water:** The wedge design is built to handle the viscous sludge fouling produces by creating a larger pathway for the fluid to flow through

Oil & Gas

- **Produced Water:** Although these applications will typically pull in sand, mud, and other suspended solids, the wedge is resistant to the abrasion and potential plugging that can occur
- **Water Alternating Gas:** Rosemount transmitters can produce a linear response with either liquid or gas while the robust wedge shape can handle abrasive solids in the water, all while requiring low power

Metals & Mining

- **Slurries:** Slurry flow in the metals and mining industry tend to be varied in particulates and flow rates, but the wedge meter is designed to handle the variability and produce a repeatable measurement

Chemical

- **Asphalt:** A difficult application that is abrasive, viscous and required to run at very high temperatures, the wedge flow meter paired with Rosemount remote seals provides accurate measurement and suitable response time
- **Molten Sulfur:** The wedge flow meter is built to withstand very high temperatures found in molten sulfur, relying on specific remote seal options and stainless steel metallurgy



Simplify Ordering with Application Packages

Save time and improve performance by selecting one of Emerson's remote seal application packages. Take the guesswork out of specification by selecting one of the pre-defined remote seal model options which are specifically engineered for flow applications.

There are five engineered packages available:

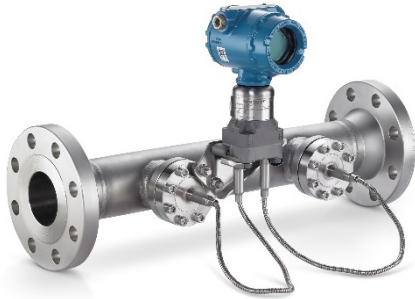
- Standard
- Abrasive
- Ultra-High Process Temperature
- Cold Environment
- Remote Mount



APPLICATION FLEXIBILITY WITH THREE TRANSMITTER CONNECTION STYLES

Compact

Saddle-style remote seal connection reduces the weight of the meter by 50%. The compact style is designed to reduce pipe stand off to address plugging and cleaning concerns.



Flanged

The flanged model uses a 2-inch NPS/DN50 connection. This traditional style is used if flushing rings and valve assemblies are required.



Threaded

The threaded model uses a ½ inch NPT connection with tubing. It is ideal for applications where plugging is less of a concern than erosion or wear.



Rosemount 9195 Wedge Meter Specifications

Available Line Sizes:	2-in to 8-in (50 to 200 mm)
Outputs:	4-20 mA HART®, WirelessHART®, FOUNDATION™ Fieldbus, Modbus®, BSAP/MVS
Wetted Materials:	316L Stainless Steel
Flange Options:	150# - 600# RF ASME B16.5 slip-on or weld-neck PN16 - PN100 EN-1092-1 RF, slip-on or weld-neck
Operating Temperature:	-40 °F to 1000 °F (-40 °C to 538 °C)
Standards:	ASME B31.3, CRN

For more information, visit
[Emerson.com/Rosemount-Wedge](https://emerson.com/rosemount-wedge)

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