

New Tantalum Sensor Added to KROHNE's OPTIMASS Product Range

Unique Tantalum Design Provides Superior Performance in Highly Corrosive Applications, Eliminates Special Installation Requirements

KROHNE, Inc., a global technology leader in the development, manufacture and distribution of accurate, reliable and cost effective level and flow measurement products for the process industries, introduces Tantalum to its single straight tube Coriolis mass flowmeter OPTIMASS Series 7000 product range. The first single straight tube meter available with Tantalum wetted-flange material construction, it is well-suited for the chemical industry and able to measure highly aggressive or corrosive fluids, with no-hassle installation and superior performance in density and mass flow.

Previously only available on dual bent tube sensor designs, the Tantalum OPTIMASS 7000's design makes it a more affordable and ideal solution for the safe and reliable measurement of fluids that require glass lined piping or glass lined process vessels. Tantalum has similar chemical resistance as glass, and is typically used with chemicals such as Hydrochloric, Sulphuric, Nitric, and Phosphoric acids, or Bromine and Chlorine.

The corrosion-resistant Tantalum OPTIMASS Series 7000 is the first of its kind to contain Tantalum wetted material construction, allowing it to withstand the harshest fluids. The single straight-tube design is resistant to blocking or fouling, allowing the meter to handle high viscosity fluids with ease, while maintaining a high level of accuracy. The single straight tube also minimizes pressure loss.

Featuring KROHNE's patented Adaptive Sensor Technology (AST), the OPTIMASS 7000 Series intelligently "tunes" itself, independent of external forces and fluid density, to produce an inherently balanced meter in the most demanding processes. It delivers accurate metering for a wide range of flow rates, in four different full-bore tube diameters (1/2", 1", 1 1/2", and 2").

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About KROHNE

KROHNE is a worldwide technological leader in the development, manufacture and distribution of accurate, reliable and cost-effective, measuring instruments for the process industries. KROHNE focuses on forming partnerships with its customers to provide them with the most reliable and innovative solutions available in the marketplace. For more information about KROHNE's complete line of measuring instrumentation for the process industries, contact KROHNE at 1-800-FLOWING (978-535-6060 in MA); fax: (978) 535-1720, email: info@KROHNE.com, or visit www.KROHNE.com/northamerica
