

NEW PRODUCT PRESS RELEASE

The
Instrumentation
Company



FOR IMMEDIATE RELEASE

NOSHOK THERMOMETERS & THERMOWELLS

Berea, Ohio (September 22, 2009) NOSHOK now offers a variety of mechanical temperature measurement solutions, including both Bimetal and Vapor Actuated Remote Thermometers, as well as Thermowells.

Bimetal Thermometers

The bimetal element is an extremely responsive temperature sensing helix which has been carefully sized, tested, heat-treated and aged to relieve inherent stresses and ensure continued accuracy. With an accuracy of $\pm 1\%$ Full Scale, Grade A, ASME B40.3, these thermometers can be used in almost every area of manufacturing, especially suited for industrial process, petrochemical, food processing, commercial, and wastewater applications. Temperature ranges from -100 to 150 °F through 200 to 1,000 °F, single and dual scales are available.

• Industrial Type—100 Series

- High quality & cost-effective, with 304 stainless steel case and bezel
- 2 and 3 inch sizes - center back connection standard
- Designed for limited space applications, or where a weather-resistant, tamper-proof case is required

• Instrument Type—300 Series

- Highest quality thermometers available on the market, with corrosion-resistant 304 stainless steel case and bezel which provide a hermetic seal to prevent lens fogging and moisture damage
- 3 and 5 inch sizes - center back, bottom connected
- Ideal for construction applications where on-the-job piping requires reading the instrument from different angles

Vapor Actuated Thermometers

Indicates media temperature using a temperature-actuated liquid in the sensing element and a highly accurate, high quality pressure gauge. As the media temperature increases, the capillary fill fluid vaporizes, increasing pressure in the Bourdon tube to activate the movement and pointer for proper indication.

- Ranges available from -40° to 60 °F/C through 50° to 400 °F/C
- 2, 2-1/2, 3-1/2, 4, and 4-1/2 inch sizes
- Brass or stainless steel case, dry or liquid filled

Thermowells

Recommended wherever the process being measured is under pressure, corrosive, abrasive, or moving at a high velocity (such as HVAC, petrochemical, and oil & gas applications), to reduce the possibility of damage to the temperature instrument and provide operator protection and safety.

- Allows a temperature instrument to be removed and replaced without shutting down and possibly draining the process
- 1/2 inch NPSM instrument connection, 3/4 inch process connection standard



[Link to 100 Series Hi-Res Image](#)
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[Link to 300 Series Hi-Res Image](#)
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[Link to Vapor Actuated Remote Thermometer Hi-Res Image](#)
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[Link to Thermowells Hi-Res Image](#)
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NOSHOK, Inc. is a leading supplier of pressure, level, temperature and force measurement instrumentation, along with needle & manifold valves, serving major industries around the world. Products include pressure gauges, pressure and temperature transmitters, transducers & indicators, pressure switches, needle valves, manifold valves, pressure snubbers, bimetal thermometers, force measurement sensors and diaphragm seals. These products meet and exceed the application requirements of OEM's and industrial users seeking exceptional quality, reliability and value.

For more information on NOSHOK products, please visit our website at <http://www.noshok.com>

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