

# NOSHOK

## Press Release



FOR IMMEDIATE RELEASE

## MECHANICAL & ELECTRONIC FORCE MEASUREMENT SOLUTIONS

**Berea, Ohio (January 23, 2012)** NOSHOK's comprehensive line of force measurement solutions includes a full range of mechanical and electronic instrumentation. We also offer extremely accurate custom force sensors designed to customer specifications and application requirements.

### Hydraulic Load Cells

- Available with a variety of pressure gauge and transducer configurations varying in design and nominal dimension
- 6 cm<sup>2</sup> - 410 cm<sup>2</sup> nominal diameter
- Ranges up to 630,000 lbs.-force

### Load Pins

- Utilizes proven thin film sensor technology laser-welded directly to the measuring instrument to provide accuracies up to  $\pm 0.5\%$  (B.F.S.L.)
- Minimizes the disadvantages seen in the bonded foil versions (temperature drifts and long term stability)
- Measuring ranges from 0 kN to 5 kN through 0 kN to 200 kN
- A variety of current or voltage amplified output signals are available to integrate with almost any electrical system
- Also ideal for OEM applications due to the attractive price-performance ratio

### Tension & Compression Force Transducers

- Measuring ranges from 0 N to 10 N through 0 kN to 3300 kN
- Accuracy levels range from  $\pm 2.0\%$  Full Scale (B.F.S.L.) to  $\pm 0.04\%$  Full Scale, depending on the version
- Several outputs are available in both amplified and unamplified to interface with most electrical systems
- 316 stainless steel construction on many versions provides corrosion resistance and durability - ideal for harsh environments
- Sputtered thin film sensor for maximum repeatability and stability



### Hydraulic Load Cells

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### Load Pins

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### Tension & Compression Force Transducers

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### Custom Force Sensors

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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 OEMs 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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