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Sherborne Sensors Debuts U2000 Series Miniature Load Cells *Designed for Precision Force Measurements in Space Constrained Environments*

February 18, 2010 - Sherborne Sensors (www.sherbornesensors.com), a global leader in the design and manufacture of inclinometers, accelerometers, force transducers, load cells, rotary encoders, instrumentation and accessories for industrial, military and aerospace customers, has announced the global market introduction of the **U2000 series**, a new range of compact miniature universal load cells, designed for precision tension and compression force measurements in space constrained environments.

Offered in ranges from 1 to 50kN, the miniature **U2000 series** load cells provide precision measurement capabilities in either tension or compression mode, with a 3mV/V full scale output. Their robust, shear web design incorporates multiple strain gages, strategically placed to counteract and minimize errors associated with unwanted side or axial forces. A corrosion-resistant stainless steel housing and environmental sealing to IP54 helps ensure reliable performance in harsh environments, over a wide temperature range of -20 to +80°C. The low deflection and high frequency response characteristics of the **Sherborne Sensors U2000 series** are especially beneficial for both materials testing and high-speed load measurement applications, and particularly, where peak loads are being monitored. Additional available options for the **U2000 series** range include spherical load buttons, mounting bases, fully isolated double bridge and fatigue rated versions. In addition, Sherborne Sensors custom designs and manufactures variations to conform to specific customer requirements.

All **Sherborne Sensors U2000 series miniature universal load cells** are 100% tested and calibrated at the factory prior to shipment, and are accompanied by a two-year comprehensive warranty. This range is also included under the new Sherborne Sensors Guaranteed On-Time Delivery program. For additional details, drawings and specifications, please contact **Sherborne Sensors** toll-free (in the US & Canada) at 1-877-486-1766 nasales@sherbornesensors.com or on +44 (0) 870 444 0728 sales@sherbornesensors.com (worldwide), or by visiting www.sherbornesensors.com.

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About Sherborne Sensors:

Sherborne Sensors is a global leader in the design, manufacture and supply of high-precision inclinometers, accelerometers, force transducers and load cells, rotary encoders, instrumentation and accessories for industrial, military and aerospace customers. Products offered under the Sherborne Sensors brand are renowned for their ultra-reliability and long-life precision within critical applications. Recent acquisition of synergistic technologies by Sherborne Sensors within our inclinometer and force and load cell offerings has allowed customers to benefit from expanded product lines, with added benefits of engineering support, global sales presence, repair, refurbishment and calibration services, stocking programs, and continuous product improvement.