

FUTEK Introduces S-Beam Load Cell with USB Option

Submitted by: FUTEK Advanced Sensor Technology

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FUTEK's Standard S-Beam becomes available with USB Output Option.

FUTEK Advanced Sensor Technology, Inc.

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Press Release — For Immediate Release

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FUTEK Advanced Sensor Technology, Inc. (<http://www.futek.com/index.aspx>) is pleased to present its LSB350 (<http://www.futek.com/product.aspx?t=load&m=lsb350>) with a brand new USB Digital Interface. This improvement offers a USB type solution (<http://www.futek.com/USBSensors.aspx>) for Strain Gage Based Load Cells (<http://www.futek.com/product.aspx?t=load>). FUTEK's USB Sensor Solution (<http://www.futek.com/sensorSolutions.aspx>) provides an easy "Plug & Play" with basic software making the System Integration even simpler.

The S Beam Load Cell (<http://www.futek.com/product.aspx?t=load&cat=sb>) has become an even more efficient product in the FUTEK Load Cell Series due to the USB output. This model is widely used in Medical Bag Weighing Applications as well as automated feed back control and inline processing applications. The perfect mixture of efficiency, accuracy and of course the assurance of an overload protection feature makes this one of our most sought after models. The Standard LSB350 S Beam Load Cell model has female threads, comes in both Anodized Aluminum (500 lbs – 1,000 lbs) and 17-4 Stainless Steel construction (2,000 lbs), with 4 Pin Lemo Receptacle or integrated cable. It is also available in metric threads.

This S Beam Load Cell (<http://www.futek.com/product.aspx?t=load&cat=sb>) model has a high accuracy with a Nonlinearity of $\pm 0.05\%$, deflection of 0.003" nominal and an operating temperature of -60° F to 200° F. It can be modified or customized to meet your requirements and most capacities are in our inventory, making them available for 24 hour shipping. Similar to our entire Load Cell product line this model is manufactured in the US and uses metal foil strain gauge technology.

Product Highlights:

- Available in both Anodized Aluminum or 17-4 Stainless Steel
- USB output in 16 bits resolution
- Metric Threads Available
- In both Tension & Compression
- Utilizes Metal Foil Strain Gauge Technology
- Weight: 7.5 oz (aluminum) / 18 oz (Steel)

FUTEK also offers Donut Load Cells (<http://www.futek.com/product.aspx?t=load&cat=th>), Pancake Load Cells (<http://www.futek.com/product.aspx?t=load&cat=cf>), and In Line Load Cells (<http://www.futek.com/product.aspx?t=load&cat=cm>) as additional solutions in the Load Cell line. In addition to our Load Cells, FUTEK carries over 400 products covering various Pressure Sensors

(<http://www.futek.com/product.aspx?t=pressure>), Torque Sensors (<http://www.futek.com/product.aspx?t=torque>), Force Sensors (<http://www.futek.com/product.aspx>) and related Instruments (<http://www.futek.com/product.aspx?t=instrument>).

If these standards don't match your precise need, please contact us to see how we can customize this model for you. FUTEK Advanced Sensor Technology Inc. has an in house engineering and manufacturing team. Hence, we can provide full system solution (Load Cells, Torque Sensors, Force Sensors, Pressure Sensors, and Instruments) with standard product or design a completely new model to meet your custom needs. Our team can help you meet your requirements for any test stand, process control application or low cost OEM requirements no matter what industry you're in.