

## FUTEK USB Compatibility

### FUTEK SENSORS

- Load Cell
- Torque
- Pressure

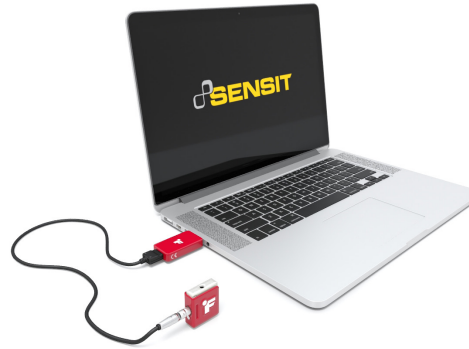


### OTHER SENSORS

- Displacement
- Encoder
- RTD

### FUTEK DEVICE BENEFITS

- High Resolution
- High sampling rate
- No External Power Source
- Linearization
- Greater Work Space



USB			
DEVICE	SENSOR TYPE	SAMPLING RATE	RESOLUTION <sup>1</sup>
USB225	Strain gauge	Up to 38,400 SPS	21 Bits
USB520 <sup>2</sup>	Strain Gauge Voltage Current TTL Encoder	Up to 4,800 SPS	19 Bits

<sup>1</sup> Max NFR bits

<sup>2</sup> Robust industrial models

### KEY DESIGN FEATURES FOR CRITICAL APPLICATIONS

- Fault Detection
- Visual Indicator
- On-Board Temp. Measurement
- Selectable Shunt Resistors
- External RTD Inputs (PT-1000)
- TEDS Compatible

### Configuration #1: SENSIT



- Ideal Turnkey Solution
- Live Graphing
- Data logging
- Up to 16 Channels

### Configuration #2: ASCII



- All FUTEK USB devices have ASCII Output.
- Ideal for machine builders and Integrators.

### Configuration #3: LabVIEW



- The USB DLL is compatible with LabVIEW

### Configuration #4: Visual Studio

Compatible with:

- C#
- C++
- Visual Basic
- Python

