

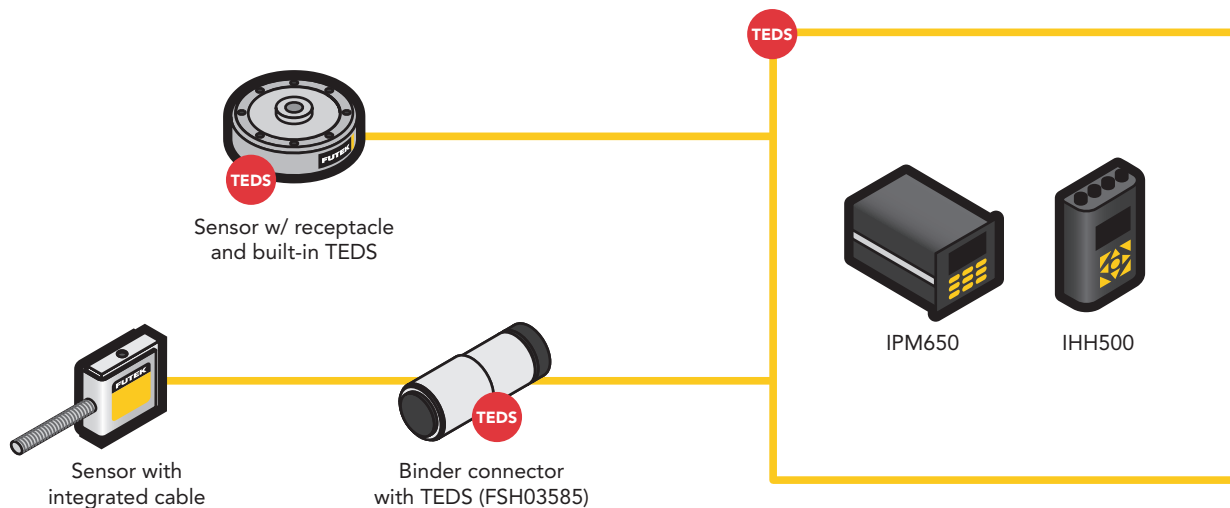
TEDS stands for **Transducer Electronic Data Sheet**. It contains calibration information relevant to the sensor such as the serial number, calibration dates and calibration factors.

**ADVANTAGES**

- Automatic, **"Plug & Play,"** calibration and setup between any TEDS sensor and TEDS capable instrument eliminating setup time.
- Eliminates **human error** and mistakes in setup between sensor and instrument.
- Facilitates multiple sensors with one instrument **reducing cost** in equipment needed.
- Eliminates the need for one instrument to be dedicated to one sensor **expanding** instrument usage.
- Can be **implemented** with most FUTEK load cells, torque sensors, and pressure sensors.
- Assists with **compatibility** of industry-wide sensors to FUTEK instruments and FUTEK sensors to non-FUTEK instruments and PLC systems.

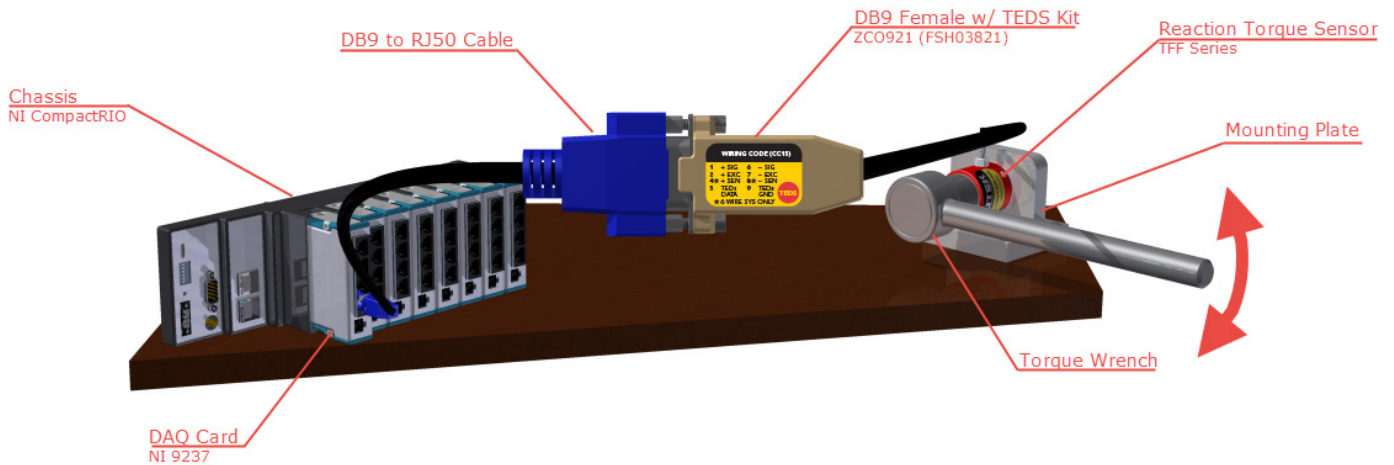
**Suitable for a large range of industries, such as:**

- Medical & Pharmaceutical
- Aerospace & Defense
- Automation
- Manufacturing
- Automotive
- Robotic & System Integration

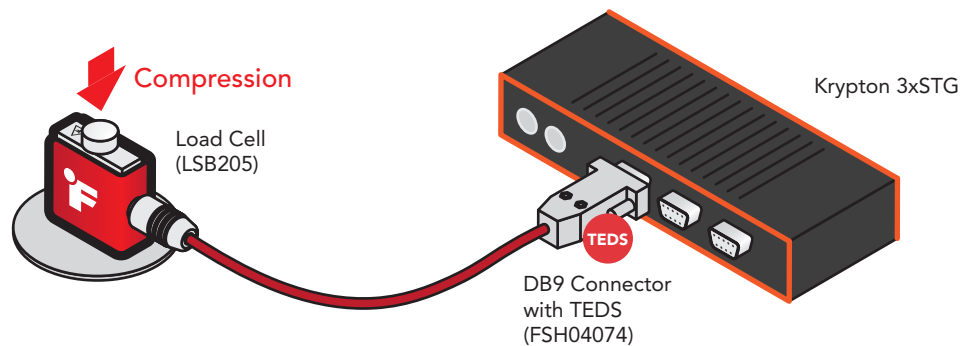


COMPATIBILITY

- Non-FUTEK sensors calibrated at FUTEK can have their calibration information stored to TEDS during a calibration process.
- **Cable Version Sensors:** Attach smart connectors (connectors with ID chip inside) to the end of the cable.
- FUTEK supports TEDS template 33 for bridge sensors and template 30 for amplified voltage output sensors per IEEE 1451.4 standards.
- **Receptacle Version Sensors:** Add ID chip to the receptacle where possible.
- FUTEK assists the use of TEDS with National Instruments through an available TEDS DB9 for use with 192190-01 DB9 to RJ50 connector allowing connections to TEDS adapters such as NI 9237 and NISCXI-1314T.



- FUTEK TEDS assists in usage with DEWESoft Krypton 3xSTG connections through TEDS DB9 connector FSH04074.



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