PCB®
LOAD & TORQUE PRODUCTS

pcb.com | 1 800 828 8840
PCB® load cells feature advanced structural design, making them extremely durable, perfect for vehicle component and structure testing.

**GENERAL PURPOSE CANISTER**  
SERIES 1100  
- Low profile design  
- Industry standard mounting  
- Capacities from 25 to 300 lbf (110 to 1330 N)

**GENERAL PURPOSE LOW PROFILE**  
SERIES 1200  
- Industry standard mounting  
- Capacities from 500 to 50k lbf (2200 to 220k N)  
- English and Metric sizes  
- PT and PC connector styles

**FATIGUE-RATED LOW PROFILE**  
SERIES 1400  
- Industry standard mounting  
- Guaranteed for 100 million cycles  
- English and Metric sizes  
- PT and PC connector styles  
- Capacities from 250 to 100k lbf (1100 to 440k N)
**S-TYPE SERIES 1600**
- Ideal for critical weighing applications and smaller component testing
- Capacities from 50 to 5000 lbf (250 to 20k N)
- Low cost

**ROD END SERIES 1300**
- Fully calibrated in both tension and compression
- Built-in temperature compensation
- Capacities from 500 to 20k lbf (2200 to 89k N)

**PEDAL FORCE SERIES 1515**
- Compact, with a 0.84 in (21.3 mm) overall height
- Easy to install and remove
- Standard capacities of 300 & 500 lbf (1334 to 2224 N)
PCB® Torque sensors are manufactured to the tightest tolerances and are designed to be the most accurate on the market to support all testing needs.

**TORKDISC® ROTARY TORQUE SENSOR**

- In-line non-contact rotary torque sensor
- DC to 8500 Hz bandwidth
- AC & DC coupled output with user-selectable filtering
- Capacities from 250 to 225k lbf-in (28 to 25k Nm)
- Designed for vehicle applications requiring in-line rotary torque measurements

**ROTARY SHAFT**

- 2 mV/V output sensitivity
- Full bridge design
- Temperature compensated
- DC excitation voltage
- Capacities from 100 to 10k lbf-in (11.3 to 1130 Nm)
ROTARY TRANSFORMER
SERIES 4100
- 2.5 mV/V output sensitivity
- High signal-to-noise ratio
- Shaft and spline drivers
- Up to 300% overload protection
- AC excitation voltage
- Capacities from 50 to 100k lbf-in (6 to 12k Nm)

REACTION TORQUE TRANSDUCER
SERIES 2300 & 2500
- Flange mount on both sides
- High torsional stiffness
- 2 mV/V output sensitivity
- Capacities from 50 to 500k lbf-in (6 to 57k Nm)
LOAD & TORQUE CAPABILITIES

PROCESS EQUIPMENT

- Upgraded all calibration systems with the most modern systems available
- A2LA and ISO 17025 compliant
- Improved uncertainty levels for the most accurate calibrations possible

CALIBRATION EQUIPMENT

- Updated calibration presses with ranges of 2,200 lbs, 30,000 lbs, and 60,000 lbs
- New ultra-precise reference load cells with highly accurate digital indicators
- 6 new data acquisition systems for presses and deadweight torque arms
PCB Piezotronics, Inc. is a designer and manufacturer of microphones, vibration, pressure, force, torque, load, and strain sensors, as well as the pioneer of ICP® technology used by design engineers and predictive maintenance professionals worldwide for test, measurement, monitoring, and control requirements in automotive, aerospace, industrial, R&D, military, educational, commercial, OEM applications, and more. With a worldwide customer support team, 24-hour SensorLine™, and a global distribution network, PCB® is committed to Total Customer Satisfaction. Visit www.pcb.com for more information. PCB Piezotronics, Inc. is a wholly owned subsidiary of MTS Systems Corporation. Additional information on MTS can be found at www.mts.com.