PCB® load cells feature advanced structural design, making them extremely durable, perfect for vehicle component and structure testing.

**LOAD**

**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)
Five standard sizes of SWIFT Evo® transducers are available, covering a broad range of testing requirements. Contact PCB for custom transducers not listed.

**SPINNING WHEEL INTEGRATED FORCE TRANSDUCERS**

**LIGHT TRUCK**

**SWIFT EVO 10**
- Fx & Fz up to 20 (4,400) kN (lbf)
- Mx & Mz up to 3 (2,235) kN-m (lbf-ft)
- Hysteresis (force) 0.2 (0.15) %FS (Typical)

**SMALL CAR**

**SWIFT EVO 20**
- Fx & Fz up to 30 (6,744) kN (lbf)
- Mx & Mz up to 6 (4,425) kN-m (lbf-ft)
- Hysteresis (force) 0.2 (0.1) %FS (Typical)

**MOTORCYCLE/ATV**

**SWIFT EVO 40**
- Fx & Fz up to 60 (13,489) kN (lbf)
- Mx & Mz up to 15 (11,063) kN-m (lbf-ft)
- Hysteresis (force) 0.2 (0.1) %FS (Typical)

**MEDIUM TRUCK**

**SWIFT EVO 45**
- Fx & Fz up to 120 (26,977) kN (lbf)
- Mx & Mz up to 28 (20,652) kN-m (lbf-ft)
- Hysteresis (force) 0.2 (0.2) %FS (Typical)

**PASSENGER CAR**

**SWIFT EVO 30**
- Fx & Fz up to 50 (11,240) kN (lbf)
- Mx & Mz up to 9 (6,638) kN-m (lbf-ft)
- Hysteresis (force) 0.2 (0.15) %FS (Typical)

**EVO TRANSDUCER INTERFACE**
- New Graphical User Interface for easy set-up
- TEDS
- Low profile
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
MTS Sensors, a division of MTS Systems Corporation (NASDAQ: MTSC), vastly expanded its range of products and solutions after MTS acquired PCB Piezotronics, Inc. in July, 2016. PCB Piezotronics, Inc. is a wholly owned subsidiary of MTS Systems Corp.; IMI Sensors and Larson Davis are divisions of PCB Piezotronics, Inc.; Accumetrics, Inc. and The Modal Shop, Inc. are subsidiaries of PCB Piezotronics, Inc.