

We offer a wide range of force & torque sensors which are used in many applications across the OEM and Test & Measurement markets.

- Microfused and strain gauged products with multiple output options
- Multiple configurations such as S Beam, Tension/Compression, Pancake etc
- Miniature, Fatigue rated, IP68, Marine, ATEX and material options
- Static & Dynamic versions from 1 gram to 10000 tonnes
- Application specific designs including a strain gauging design service

OEM



- Compression, Coin Cell/Button designs
- 0.2N to 2KN as standard, 1% FS, op Temp to 85°C, mV/amplified outputs
- Long cycles life, OEM designs, high overload, high immunity to off axis loads

General Purpose



- Tension/Compression, Washer, Low Profile, Stud, Shear Pin, Compression models
- Ranges 2N to 5000KN and higher, accuracies to 0.25%, op temp -50 to 150°C
- High stiffness, high overloads, special designs available

Miniature



- Dual stud, Washer, Button designs - tension/compression models
- Ranges 50N to 25KN, accuracies to 0.25% FS, op temp to 120°C, mV/ratiometric outputs
- Long cycle life, fast response, high immunity to off axis loads

S Beam



- Tension/compression models
- Ranges 50N to 100KN, dual range options with mechanical stops, op temp to 150°C
- Accuracies to 0.05%, mV/ amplified outputs
- Very low range options, high resolution, fatigue rated options



Pancake/Donut

- Tension/compression, multi-axis & torque
- Ranges 100N to 1000KN, mechanical stops, op temp to 150°C
- Accuracies to 0.1% FS, mV/Amplified
- Very high capacities, aluminium or stainless steel, fatigue options, custom options



Custom Products

- Special ranges to 10K tonne, IP68 submersible options,
- High temperature, mechanical over-travel stops, double ranges
- Special compensation temperature ranges, calibration (Cofrac/Nist), improved accuracies
- **Automotive:** Seat belt, hand brake, steering wheel, brake pedal, gear stick
- Bespoke design service/ custom build including OEM volumes



Multi-Range Axial/Torque

- Reaction & Dynamic Rotary (square, keyed shaft, collar, flange)
- Ranges 5N to 10KN, op temp to 150°C, accuracy 0.25% FS, mV or amplified
- Temperature stable, rugged construction, high level outputs



Accessories/Options

- In line voltage amplifiers, signal conditioning, display meters