

Why Interface Low Profile Load Cells are Best in Class

Aerospace • Materials Testing • Static
Fatigue • Automotive • Calibration

Interface Inc. pioneered the first low profile load cell in 1969 and continues to produce the best Low Profile load cells for use in actuator systems for Aerospace, Automotive & Testing applications. Constant development and improvement of manufacturing techniques offers the highest accuracy products with reliability that you can depend for the most demanding applications in capacities from 250N to >1MN.

- In-house CNC machining
- Total control of manufacture and quality control

- High quality threads
- Ensure high repeatability through accurate thread engagement

- Moment compensated during production
- Reduces the effects of off-axis loads

- Proprietary high output Strain Gages
- Matched to flexure for best performance
- 8-16 Strain Gages per bridge

- TRUE Fatigue specification
- Fully reversed cycles through Zero at full capacity

- Temperature compensated Strain Gages
- No signal loss from compensation resistors

- Class leading performance
- Published Accuracy (Error Band) specification. As low as $\pm 0.02\%FS$ with typical performance. As low as $\pm 0.01\%FS$ on a regular basis
- Will never be less accurate than published spec

- Accurate machined base ($\pm 0.0002''TIR$)
- Provides best mounting surface

Every Interface low profile load cell is moment compensated during production, the proprietary strain gauges offer outputs as high as 4.0 mV/V, fatigue rated units are warranted for 100 million fully reversed cycles from full-scale Tension through Zero to full-scale Compression.

The Interface Low Profile Range Includes							
1000	1200	1100	1600	1800	3200	5200	1500
Fatigue rated	Precision	Ultra-Precision	Gold Standard	Platinum Standard	Stainless Steel	Multi-Axis	Low capacity

For complete details on low profile load cells or any of our other product ranges please contact us directly and we will provide full information and a competitive quotation.