Load Cell Calibration and Repair Service

Benefit from the Load Monitoring experts and our state of the art facilities where we design, manufacture, service and test load monitoring equipment.

Services

- Calibration
- Repair
- Inspection
- Non-Destructive Testing (including over-load and proof-load)
- Certification
- Upgrade for electronics
- Upgrade for strain gauges
- Conversions (e.g. cabled to wireless)
- New electronics for existing products
- Analogue and Digital output module upgrades
- Bespoke Test Reports
- Stress Analysis and Measurement for client products whether in-service or in laboratory.
- Call out service for testing at site.
- Load Cell Design Development Service
- Machining Service for Bespoke Designs.

Servicing offered for all types of load cell products whether Power Jacks or 3rd party manufactured, including:

- Load Link
- Load Shackle
- Load Pin
- Compressive Load Cell
- Running Line Tensiometer
- Load Washer
- Shear Beam Load Cells
- Displays

+44 (0)1358 285100
Key Facilities:
- 100Te & 50Te Test Rigs
- Comprehensive Data Logging
- Dedicated Stain Gauge Area
- Electronics Experts
- Mechanical Experts
- In-House Electronics and Machining

### 100Te Tensile & Compressive Test Rig

<table>
<thead>
<tr>
<th>Description</th>
<th>100Te Vertical Digital Test Rig</th>
</tr>
</thead>
<tbody>
<tr>
<td>Safe Working Load (SWL)</td>
<td>100 Metric Tonne (TE)</td>
</tr>
<tr>
<td>Mode of operation</td>
<td>Tensile and Compression forces</td>
</tr>
<tr>
<td>Category</td>
<td>Class 1 test Bed</td>
</tr>
<tr>
<td>Certification Standard</td>
<td>ISO 7500-1:2004 (E)</td>
</tr>
<tr>
<td>Accuracy</td>
<td>+/- 1%</td>
</tr>
<tr>
<td>Repeatability</td>
<td>+/- 0.2%</td>
</tr>
<tr>
<td>Resolution</td>
<td></td>
</tr>
<tr>
<td>Logging rate:</td>
<td>User Display: 1 kg res.</td>
</tr>
<tr>
<td></td>
<td>Large Display: 100kg res.</td>
</tr>
<tr>
<td>Method of measurement</td>
<td>Up to 200 readings per second</td>
</tr>
<tr>
<td></td>
<td>Whetstone Bridge on Double Strain gauged column</td>
</tr>
</tbody>
</table>

**Certification & Compliance**

Compliance with all major standards including those for LOLER, BSI, DNV, ASME, CE, EMC, FCC, Machinery Directive.

Scheduled and project calibration and certification for all your load monitoring needs.