Flintec Overview

What we do

Our comprehensive range of strain gage load cells and force sensors technology enables us to be a leader in the design and manufacture of industrial load cells, motors and electronics, machinery and brake systems, and various other precision engineering products.

For customers who require something unique, Flintec offers a fully project-managed process of product development, producing sensors. For customers who need complete solutions, we are fully compliant with international occupational and environmental requirements. This process includes the manufacture of complete systems for industrial weighing, where and control equipment.

Customer service

We pride ourselves on customer focused service. With offices across the world, we guarantee that each customer is given regional contact who can provide technical guidance and support whenever it is needed. We have a global network of highly skilled engineers who can help with complex system integration and customization.

Manufacturing

Since 1996, Flintec has been manufacturing in Sri Lanka. As demand grew, so did our manufacturing facilities. In 2006, our workforce almost doubled in size and the opening of new state-of-the-art facilities. We currently employ over 1,000 highly skilled staff and manufacture approximately 5 million sensors and 5 million strain gages annually. Our sensors are manufactured using highly precise machinery, and are continually checked for accuracy. Our strain gages are manufactured by a sophisticated network of highly skilled staff who ensure consistency and reliability. Each product manufactured by Flintec is rigorously tested and continues to meet ISO and IEC standards requirements, ensuring quality and precision.

We are extremely proud of our manufacturing facilities and welcome any prospective customer to visit our factories to understand why our products are recognized for being well made and reliable.

Global reach

With offices and product stock strategically placed around the world, Flintec is able to offer fast shipments to our customers, regardless of location. If stock levels don’t meet order requirements, we can often mobilize our vast team of manufacturing staff to quickly meet the needs of our customers, offering priority manufacturing combined with either air or sea shipping.

Flintec is an Indutrade Company

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### Miniature Force Sensors

Flintec’s range of miniature and low profile force sensors are designed for a broad range of process automation and test and measurement applications. Due to the very compact designs and high accuracy, the force sensors are easy to integrate into machinery, ensuring long-term, reliable force measurement.

#### When to use a miniature force sensor

Sensors and cells can be used in many types of machinery due to their overall compact and low profile requirements. The Flintec range of force sensors overcomes the constraints due to the very compact size and ease of mounting.

For general measurement tasks in the laboratory, the Flintec miniature force sensors offer compact, high accuracy measurement solutions across a broad range of capacities from as little as 1 lb.

#### Common applications

- General measurement tasks
- Packaging machinery
- In-process monitoring
- Assembly equipment
- Automatic doors
- Assembly machinery

#### Key features

- Capacities from 10lbs to 10kN
- Stainless steel or aluminium construction
- High accuracy to 1 lb
- Stainless steel or aluminium, ensures long-term, reliable force measurement.
- Full traceability: Every Flintec sensor is checked for accuracy between no-load through to full capacity using highly accurate precision measuring electronics, and has a unique identity and calibration history that is stored electronically for many years after shipment.

#### Electronic accessories

In support of our force sensor range, Flintec supplies a broad range of electronic modules, which includes:
- Analog amplifiers
- Digitizing units
- Weighing indicators
- Measuring instruments

#### Products

Our miniature force sensors can be ordered with a range of precision measuring electronics, and can be supplied with TEDS storage.

<table>
<thead>
<tr>
<th>Model</th>
<th>Capacities from</th>
<th>Application Notes</th>
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<tbody>
<tr>
<td>APS</td>
<td>10lbs - 10kN</td>
<td>Compression force measurement</td>
</tr>
<tr>
<td>MBD2</td>
<td>10lbs - 10kN</td>
<td>Compression force measurement</td>
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<tr>
<td>MHT</td>
<td>10lbs - 10kN</td>
<td>Compression force measurement</td>
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<tr>
<td>MK</td>
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<td>Compression force measurement</td>
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<tr>
<td>APB</td>
<td>10lbs</td>
<td>Low profile design</td>
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<tr>
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<td>10-5,000lbs</td>
<td>Range of internal thru-hole diameters</td>
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<tr>
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