**Flintec Overview**

Flintec is a world-leading manufacturer of precision weight measurement technologies designed for use across a diverse range of industrial sectors. Our journey began in 1968 when two Swedish engineers established a weighing scale design company, designing unique scales and later developing innovative load sensors. Very soon the business grew to include offices in the USA and Germany. Today we have offices and representatives globally.

In 2008 the founder of Flintec passed ownership of the business to Indutrade AB (www.Indutrade.net), a company listed on the Swedish stock market. Although ownership of the company has changed, we remain committed to our values of innovation, quality, precision and customer service.

### What we do

Our comprehensive range of strain gage load cells and force sensors can be used for industrial, medical, and other applications requiring precise weight measurement.

### Manufacturing

Since 1996, Flintec products have been manufactured in Sri Lanka. As demand grew, so did our manufacturing facilities. In 2006 our workforce expanded significantly, doubling to over 400 highly-skilled staff. This has resulted in the manufacturing of approximately 30,000 sensors (and 30,000 strain gages) annually.

Our sensors are manufactured using highly-precise machinery, and are continually checked for availability. The entire assembly is performed by a dedicated team of highly skilled staff who ensure consistent load cell and sensor quality. Each product manufactured by Flintec is rigorously tested and conforms to ISO9001 and ISO13485 requirements, ensuring quality and precision.

We are extremely proud of our manufacturing facilities and welcome any prospective customer to visit them and see for themselves why our sensors and strain gages are renowned for being well made and reliable.

### Customer service

We pride ourselves on customer-focused service. With offices strategically placed around the world, we ensure that each customer is given a 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.

### 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.

**www.flintec.com**
Miniature Force Sensors

Flintec’s range of miniature force sensors is designed for a broad range of process automation and test and measurement applications. Due to the very compact design 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

When space is at a premium, or when a high accuracy measurement solution across a broad range of capacities from as little as 1 lb. is required, a force sensor is the ideal solution. They can be used in a wide variety of applications including:

- Medical devices
- General test and measurement tasks
- Packaging machinery
- Compression force measurement
- Process automation equipment
- Electronic modules
- Calibration equipment
- Packaging machinery
- Metallurgical machinery

Common applications

- General load cells
- Calibration equipment
- Force measurement
- Calibration equipment
- Testing machines
- Packaging machinery
- Electronic modules

Key features

- Low capacities with high accuracy
- Tension & compression force measurement
- Capacities from 1 - 100kN
- Stainless steel construction
- Environmental protection to IP64
- Full traceability

Total calibration

Each force sensor is electrically calibrated in a temperature range from -10°C to +40°C. A record of the highest form of reliability. Each of our force sensors is electrically calibrated to full capacity using highly accurate strain gages and traceable dead weight and force generation machines. A record of all calibration data is stored electronically for many years after shipment.

Full traceability

Our force sensors are fully traceable from the procurement of raw materials through to final calibration and dispatch. Every force sensor has a unique identity and a record of precision measuring electronics, and is supplied with a broad range of electronic modules, which includes:

- Analog amplifiers
- Specialised indicators
- Measuring instruments
- Data acquisition systems

Electronics accessories

In support of our force sensor range, Flintec supplies a broad range of electronic modules, which includes:

- Analog amplifiers
- Specialised indicators
- Measuring instruments
- Data acquisition systems

Full traceability

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