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. After developing innovative load cells, they formed the business in Stockholm in the UK and Germany. Today, we have offices and representatives globally. In 2008, the founder of Flintec passed ownership of the business to Indutrade AB, 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 gauge load cells and force sensors is highly reliable, accurate and cost-effective. The combination of Flintec sensors and an extensive range of accessories and electronics allow our customers to install and create complete weighing systems. For customers who require something unique, Flintec offers a fully project managed process of product development, production, assembly, testing, electronics and software that fully comply with international standards and verification requirements. The process includes the design of systems for industrial weighing scales and medical applications.

Customer service
We understand the customer-focused service. With offices around the world, we ensure that each customer is given a regional contact who can provide technical guidance and support whenever it is needed. Our global network of highly skilled engineers who can help with complex system integration and customisation.

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 with the opening of our second state-of-the-art facility. We currently employ over 650 highly skilled staff, manufacturing an average of 1 million load cells and 5 million strain gauges annually. Our sensors are manufactured using highly precise machinery and are continually checked for accuracy. Our strain gauges are developed in-house and manufactured using highly skilled staff who are responsible for each step. Each product manufactured by Flintec is rigorously tested and conforming to ISO9001 and ISO13485 requirements, ensuring quality and precision.

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

Global reach
With offices and product stock strategically placed across the world, Flintec are able to offer fast shipments to our customers, regardless of location. If stock levels don’t meet order requirements, we can often mobilise 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.
Miniature Force Sensors

When to use a miniature force sensor
General tasks that constrain their use in many types of machinery due to their overall size and mounting requirement. The Flintec range of force sensors overcome this constraint due to the very compact size and ease of mounting.

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

Common applications
- General test and measurement tasks
- Medical devices
- Packaging machinery
- Automotive (vehicle and equipment)
- Electronic measurement
- General test and measurement tasks

Key features
- Quality materials
- Low profile design
- Hermetically sealed offering environmental protection
- ISO14001 certified manufacturing processes
- ISO9001 certified manufacturing processes
- ISO13485 certified manufacturing processes
- High-quality stainless steel or aluminium
- Electronic modules which include:
  - TEDS (Transducer Electronic Data Sheet)
  - Higher form of reliability
  - Extended range of precision measuring electronics, and

Full traceability
Our manufacturing process is fully traceable from the procurement of raw materials through to final calibration and dispatch. Every force sensor has a unique identity and 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:
- Junction boxes
- Analogue amplifiers
- Digital units
- Wiring accessories
- Measuring instruments

www.flintec.com