

CMV Hoven GmbH An der Eickesmühle 30 D-41238 Mönchengladbach

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Tekscan is the world's leading innovator and manufacturer of tactile pressure and force measurement sensors and systems. Our customizable, minimally invasive sensing solutions enable you to integrate our technology into your design to create innovative and differentiated products, by measuring where others cannot. Our passion for sensor technology, investment in research, and application engineering expertise enable us to help turn your vision into reality.

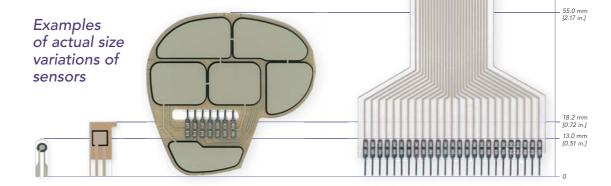
Engineering Expertise

Our team of electrical, mechanical, and application engineers want to help you design a successful product that integrates FlexiForce® sensors. Engaging with our team saves you time, money, and resources. This design collaboration results in a lower cost, shorter design cycle, and ultimately, a successful product.

Custom Force Sensors

With its paper-thin construction, flexibility, and force sensing ability, the FlexiForce force sensing resistor can **measure force between almost any two surfaces**, and is durable enough to stand up to most environments. The unique construction enables Tekscan to create **custom-designed force sensing resistor sensors** to meet the specific needs of many OEM customers.

FlexiForce custom force sensors allow engineers to create innovative and differentiated products by incorporating our technology to measure where other traditional force sensing technologies cannot.



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215.9 mm [8.5 in.] "[Tekscan's] work is spectacular, and more exceptional than I thought it would be. The sensors work great. They can detect the slightest pressure accurately. It is way beyond my expectations."

MARK GOLDSTEIN, PH.D., MammaCare®

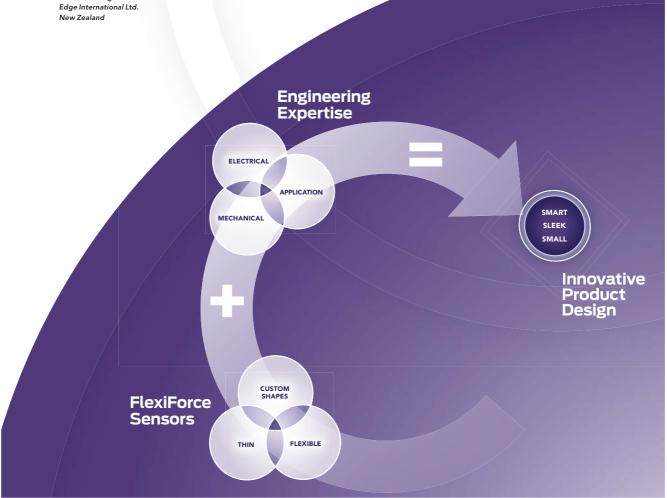
"Tekscan has provided a terrific product, and service to match, to compliment our product to be at the leading edge of technology for the trailer braking industry. It has been a pleasure dealing with a company that has customized their product to suit our application."

JOHN SHARP General Manager Edge International Lto New Zealand "We are thrilled with our decision to work with Tekscan to create a custom sensor for our product. Tekscan's team has been vital to the development of our product by working closely with our engineers to ensure the best sensor design and most effective electronics. They are responsive, knowledgeable, honest, and willing to go the extra mile to get the job done, and done well. Thank you Tekscan, for the first-rate service and a superior product."

ANDREW AUSTIN President Category Solutions "We [were] thrilled to finally discover Tekscan and their FlexiForce sensors. The reliability of the FlexiForce sensors is superb, and the Tekscan engineers have been a joy to work with. In helping to develop our sensor, the Tekscan engineers were exceptionally professional, accommodating, and friendly. I like these guys!

Two thumbs up for Tekscan."

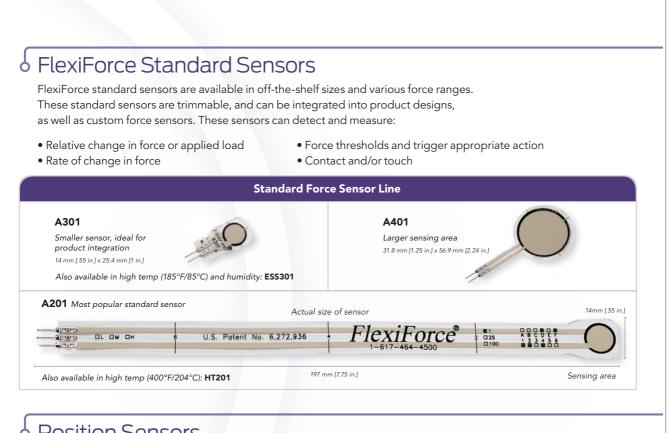
CARL SMITH President Applied Fitness



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Position Sensors

FlexiForce's potentiometers, FlexiPot[™] Strip and Ring, are customizable membrane position sensors, with a flexible, ultra-thin, lightweight profile. Their low power requirements and linear output make them ideal position sensors for Test and Measurement, or Embedded applications.

Pressure Mapping

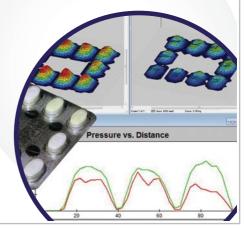
Tekscan's pressure mapping systems provide data you cannot get anywhere else by accurately measuring and analyzing interface pressure between two surfaces.

SDK (Software Development Kit)

The Pressure Mapping Software Development Kit (SDK) is an Application Programming Interface (API), which allows you to access the functionality of Tekscan's pressure mapping system for integration with your equipment and software. The function calls provide direct communication with Tekscan electronics and software.



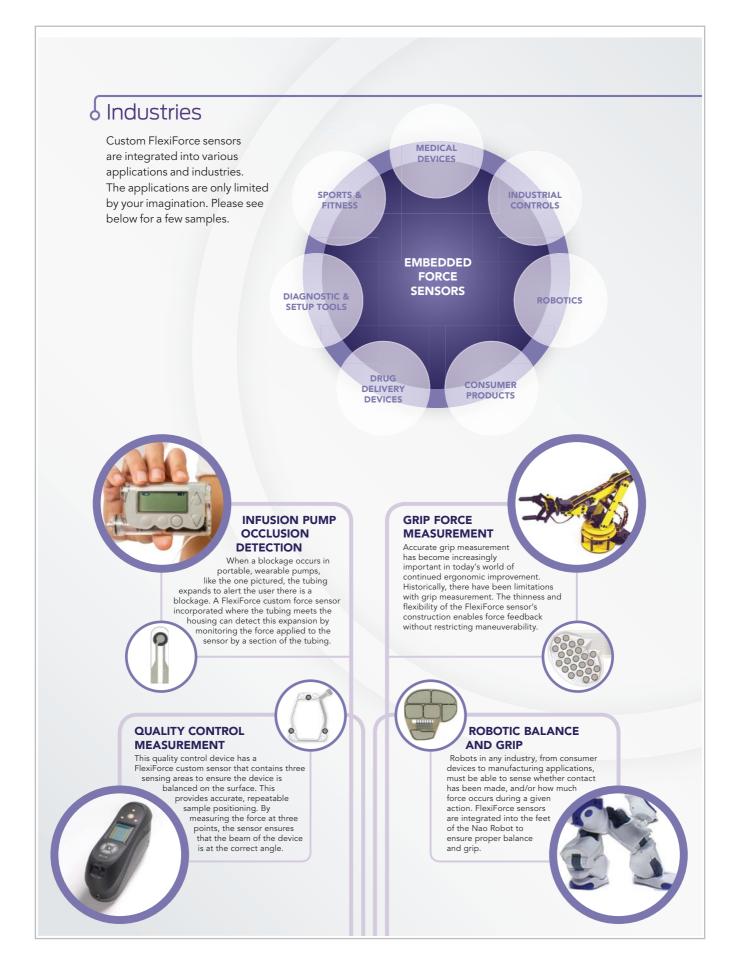
3D display of the pressure output from a pill blister pack. Image on right shows uneven pressure within the blisters, due to a poor seal.



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The FlexiForce force sensor is an ultra-thin, flexible printed circuit. The standard A201 force sensor is constructed of two layers of substrate (polyester film). The high-temp model (HT201) is constructed of two layers of polyimide. On each layer, a conductive material (silver) is applied, followed by a layer of pressuresensitive ink. Adhesive is then used to laminate the two layers of substrate together to form the force sensor.

The active sensing area is defined by the silver circle on top of the pressure-sensitive ink. Silver extends from the sensing area to the connectors at the other end of the sensor, forming the conductive leads.

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