



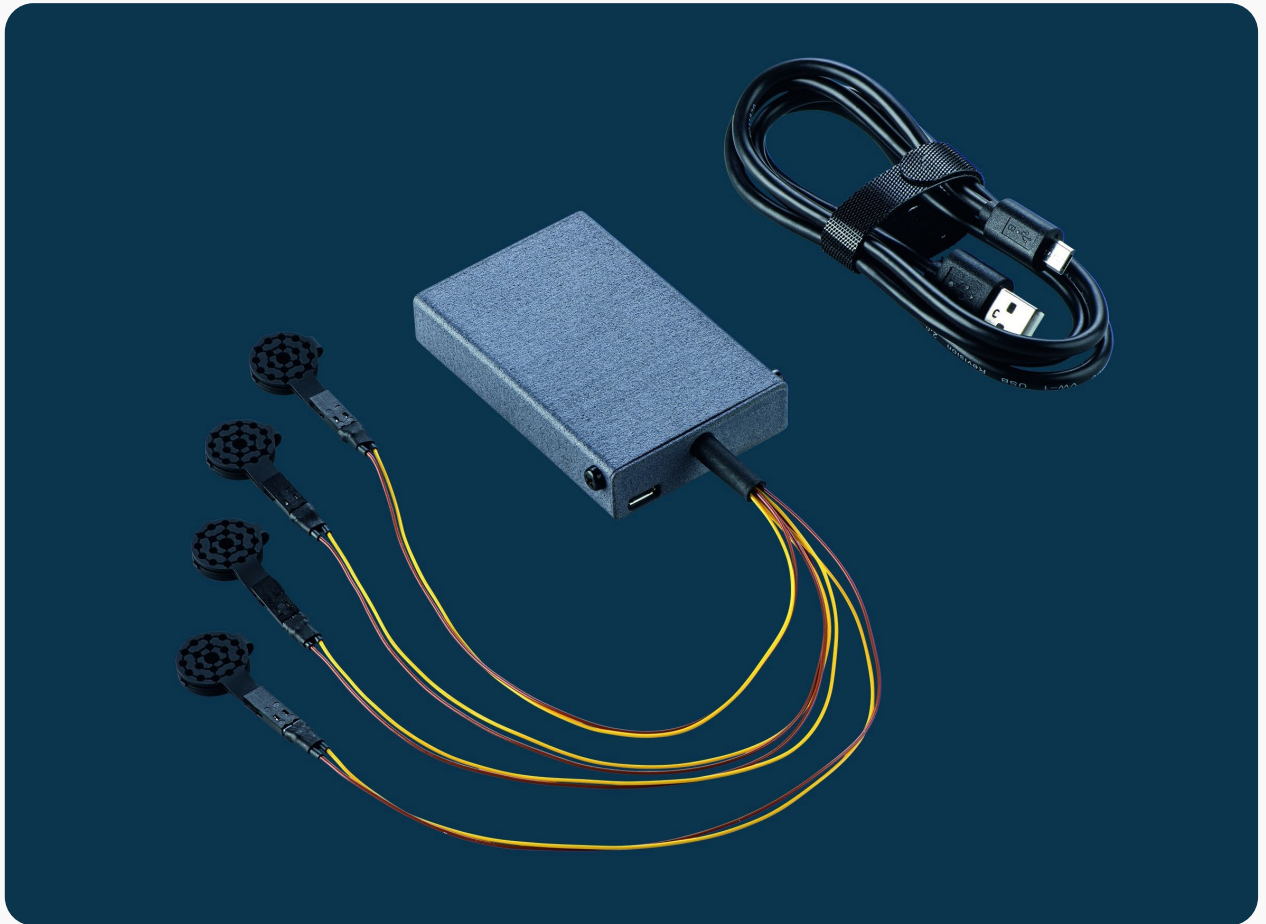
SXTSC Silicone Force Sensor

Watch the video https://youtu.be/gcr_I-HLyvw

The force-sensitive silicone sensor operates according to the capacitive operating principle and can measure both touch and compressive force. It can be three-dimensionally shaped, thereby enabling ergonomic, seamless interaction with surfaces. The elastic sensor material can simplify the design of the complete product, thus reducing manufacturing costs. The sensor is skin and food-friendly, and robust against shock.

Typical performance range is 1 to 10N, at a stroke of up to 1.0mm, durability of more than 0.5 million load cycles in a temperature range of -40 to +85°C.

More here: <https://www.satecogroup.com/en/products/sensors>



SXTSC Silicone Force Sensor Starter-Kit

Experience for yourself what the SXTSC1 can do. Quickly and easily build the prototype for your application. The starter-kit contains four sensors, evaluation electronics and a graphical interface that make it easy for you to get started with the new technology.

Request here:

<https://www.satecogroup.com/en/contact>