

Seat System

The Tactilus® seat sensor delivers realtime surface pressure distribution between a person and their seating surface.

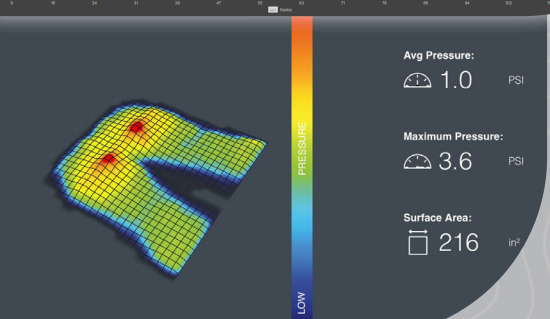
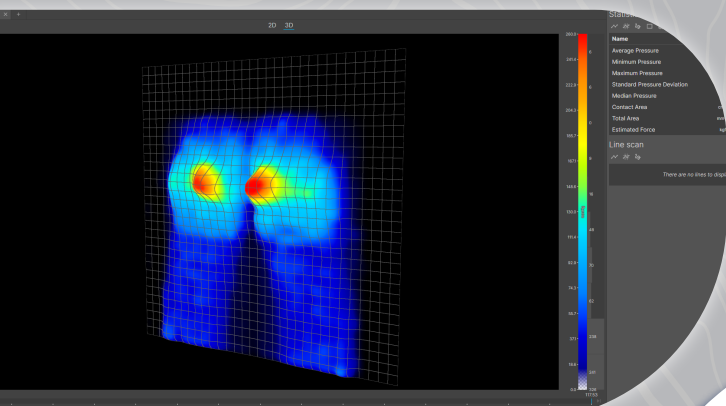
Bringing human factors engineering to a new level, Tactilus® seat sensor is capable of characterizing pressure magnitude of the seat surface, back and head rest simultaneously. Tactilus® seat sensor then assimilates the data collected into our powerful Windows® based software providing you with everything from pressure maps to detailed statistical analysis.

SENSOR SPECIFICATIONS

Technology	Piezoresistive fabric
Pressure Range	0 - 5 PSI (Standard) up to 30 PSI (Custom)
Grid Size	32 x 32
Sensing Points	1024
Total Sensing Area	18.3" x 18.3" (46.5 x 46.5 cm)
Scan Speed	Up to 50 Hz with USB standard and 10Hz with Wi-Fi standard
Spatial Resolution	0.6" (1.5 cm)
Thickness	0.098" (2.5 mm)
Accuracy	± 10%
Transmission Range	30' (9.14 meters)
Transmission Mode	Built-in Wi-Fi and USB cable
USB Cable	8.5' (2.5 m)
Repeability Error	± 3%



In the design of seating surfaces, position, density and conformity of materials is critical. Tactilus® seat sensor not only significantly reduces the number of test iterations required, but is a revolutionary design aid towards the quest for ergonomic fit. Sensor Products works closely with each individual client to tailor a system for your particular needs. Private labeling and branding of the software and hardware with your logo and idenia is available.



Tactilus®

SPI SENSOR PRODUCTS INTL.
TACTILE PRESSURE EXPERTS

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