

SEATING

REAL-TIME TACTILE PRESSURE ANALYSIS



Tactilus Bodyfitter® is the most economical, scientific and user-friendly system for surface pressure mapping available today, both in the lab as well as in-store.

THE SENSOR SYSTEM — The Tactilus® Bodyfitter® sensor system delivers real-time surface pressure distribution between a person and their seating surface. Bringing human factors engineering to a new level, Bodyfitter® is capable of characterizing pressure magnitude of the seat surface, back and head rest simultaneously. Bodyfitter® then assimilates the data collected into our powerful Windows® based software providing you with everything from pressure maps to detailed statistical analysis. In the design of seating surfaces, position, density and conformity of materials is critical. Bodyfitter® not only significantly reduces the number of test iterations required, but is a revolutionary design aid towards the quest for ergonomic fit.

POWERFUL MODULES

- Wireless Option
- Anthropometric Feature: Reads and reports body attributes, and Somatotype
- Chiropractic Diagnostic Package
- Consumer Database: Designed to track customer and salesman performance and response-to-sale ratios
- Languages: Software in Spanish, Chinese, German and French
- Private Branding: Name and identity on hardware and software
- Retail Environment Version: Touchscreen panel and graphical user interfaces
- Scientific Analysis Package

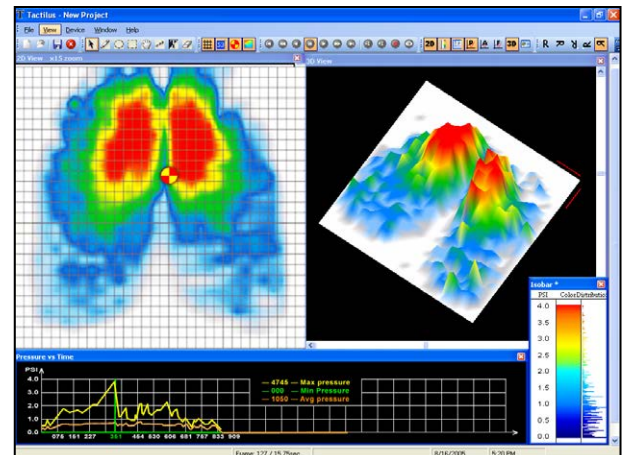
Tactilus® Wireless Transmitter



Tactilus® Seat Sensor Pad



Battery Pack



Characterization of surface pressure of a person on a seat

THE TECHNOLOGY — Tactilus® is matrix based tactile surface sensor that works by the principle of piezoresistance. Tiny sensing cells cover the entire surface area of our sensor “skin” allowing for discrete spot pressure analysis at any point in the contact region. Sensor Products primary proposition is to offer our clients precisely what they require or need. To that end, everything we design can be completely tailored to your unique situation.

SPECIFICATIONS

Technology	Piezoresistive
Pressure Range	0 - 4 PSI (0 - 0.28 kg/cm ²)
Grid Size	Up to 32 x 32
Sensing Points	Up to 1,024
Total Sensing Area	17 x 17 in (43 x 43 cm)
Scan Speed	Up to 100 hertz
Spatial Resolution	Custom from .39 in. (10 mm)
Thickness	30 mils (0.76 mm)
Accuracy	± 10%

TACTILE PRESSURE EXPERTS



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