



The Tactilus® Footplate sensor and software

What is the Tactilus® Footplate sensor?

Sensor Products Inc. has been an innovator and manufacturer of surface pressure mapping technology for 30 years. Tactilus® Footplate represents an enormous advance in plantar foot pressure mapping and gait analysis. The Tactilus® Footplate system captures foot pressure variation from thousands of tiny piezoresistive elements populated across our sensor plate. Very much like standing on a scale, the sensor plate records both spot pressure and the critical distribution pattern of that pressure.

From its durable yet lightweight scanning surface to its feature rich software, Tactilus® Footplate provides everything you need to generate real-time orthotic design, detect potential areas of ulcer formation, and never before has it been this economical and user friendly to enhance the projection of scientific validity and credibility to your patients/clients.

System Benefits

- ▶ Most affordable unit on the market
- ▶ Assimilates complete data about the foot sole in just seconds
- ▶ Extremely durable & rugged — designed for a retail environment
- ▶ User friendly — a new user can work the system in just minutes

Sensor Specifications

Technology	Piezoresistive
Number of Sensing Points	512 on each matrix (Two 32 x 16 Matrices)
Spatial Resolution	0.4 in. (1 cm)
Sensing Area (Two Rectangular elements)	12.5 in x 6 in (32 cm x 16 cm) on each sensor
Pressure Range	0 - 20 PSI (0 to 1.4 kg/cm ²)
Data Acquisition Frequency	7 Hz
Accuracy	± 10%
Connection Method	Bluetooth
Dimensions	21 in x 19 in x 1 in (53 cm x 48 cm x 2.5 cm)