

CLASSICMAT PLATFORMS



Tekscan's Traditional Foot Pressure Measurement Platforms

The ClassicMat products consist of Tekscan's validated, low profile foot pressure measurement platforms that made Tekscan a world leader in mat systems. Combined with Tekscan's innovative software, the mats can be used for a variety of applications such as foot function analysis, gait analysis, postural stability, sway analysis, fall risk assessments and pressure offloading for neuropathic feet.

- ClassicMat sensors have been validated with results published by leading researchers worldwide.
- Compatible with gait lab technology, such as EMG and motion capture, to help you get the full picture.
- Our thinnest mat platform offering, minimizes gait changes.

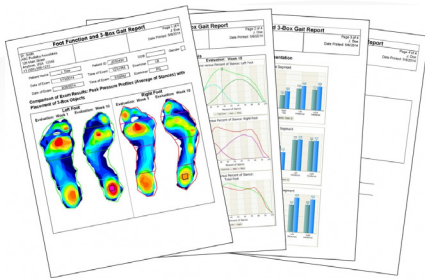
CLASSICMAT PRODUCT OFFERINGS

Depending on your clinical or research needs, there are three pressure sensing mat options available to you. All of the mats are low profile, 0.57 cm (0.225 in) to reduce the risk of tripping or altering gait.

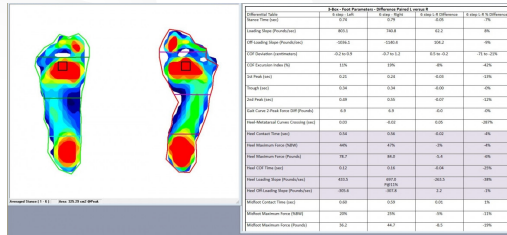
- **MatScan™** – Our traditional mat offering that provides pressure and force data for foot function, balance and sway assessments and other protocols.
- **HR Mat™** – With a higher spatial resolution sensor this mat provides more accurate profiling of anatomical locations on the plantar surface. The HR Mat is ideal for screening children, deformed feet or pressure offloading for neuropathic feet.

SOFTWARE OFFERINGS

The ClassicMat platform supports the full suite of software applications for foot function, gait, peak plantar pressure, weight distribution, stance timing, and balance and sway analyses, and concussion assessments. The price of the mat includes one of the following software:



FootMat Software for Clinicians generates comprehensive reports



FootMat Software for Researchers provides data export capabilities



SportsAT provides insights to balance and stability (available for MatScan only)

Optional add-on protocols and software may be purchased for an additional cost. A software development kit is also available that enables you to build your own applications.

All Tekscan software works with current Windows based operating systems. To view the complete computer requirements, visit: www.tekscan.com/computer-requirements.

SELECTION GUIDE AND SPECIFICATIONS

Regardless of which mat you select, they all contain the same proven resistive sensing technology.

Sensor Model	MatScan 3150	HR Mat 7101E
Electronics	Evolution™ Handle	VersaTek™ Cuff VersaTek 2-Port Hub (requires a power connection)
# of Sensels™	2,288	8,448
Active Sensing Area	43.6 x 36.9 cm (17.2 x 14.5 in)	48.8 x 44.7 cm (19.2 x 17.6 in)
Platform Thickness at Sensing Area	0.6 cm (0.2 in)	0.6 cm (0.2 in)
Sensor Resolution	1.4 sensels™ / cm² 9.2 sensels / in²	4 sensels / cm² 25 sensels / in²
Scan Rates	100 Hz	185 Hz
Weight (includes all electronics, cables, power supplies)	1.7 kg/ 4.7 lb	3.5 kg/ 7.7 lb
Connection	USB 2.0	USB 2.0
Maximum Pressure Range	50-125 psi/ 345-862 kPa (adjustable)	50-160 psi/ 345-1103 kPa (adjustable)

 **CALL TODAY FOR A DEMONSTRATION!**

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