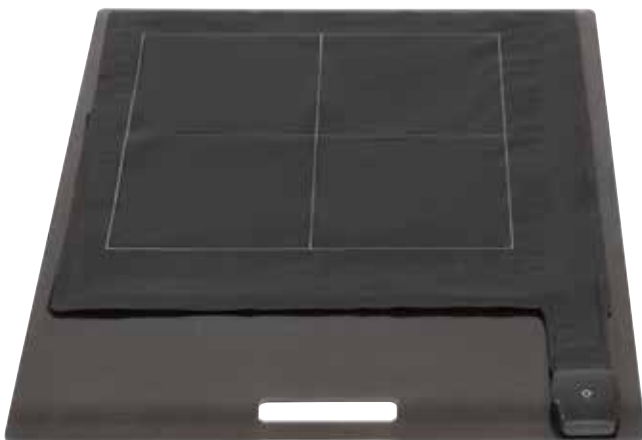


Walkway & Stance Pad Sensors

Plantar Pressure Measurement

XSENSOR's Walkway and Stance Pad sensors enable clinicians and human performance professionals to analyze plantar pressure and gait.

Many walkway and stance pad systems lack the sensor resolution and sampling frequency to adequately capture standing and walking plantar pressure data. If your data is incomplete or inaccurate, your assessment strategy may not be the right fit for your patient.



KEY BENEFITS

WALKWAY SENSOR

- With an ultra-low profile and portable design, biomechanics professionals, clinicians, and researchers can assess gait in the clinic, lab, office, or anywhere with a flat surface.
- Capture plantar pressure distribution data for several gait cycles to assess baseline, rehab progress, and interventions.
- Get quality data with high-resolution, repeatable measurements.

STANCE PAD SENSOR

- Capture high-quality balance, pressure distribution, and stance data.
- Understand your clients' peak pressure points and assess balance and stability to validate your recommendations for rehabilitation or injury prevention.

POWERFUL SOFTWARE

- Easy-to-use, full-featured software provides high-quality images with detailed statistics for assessing individual recordings and comparisons for pre/post-intervention analysis.
- Build flexible and customizable reports.



WALKWAY SENSOR SPECIFICATIONS

SENSOR	
Accuracy:	± 10%
Pressure Range:	1-128 psi, 0.67-88 N/cm ²
Resolution:	0.5" / 1.27 cm
Sampling Frame Rate:	40 frames/second

PHYSICAL CHARACTERISTICS	
Total Area:	104" x 28" / 264 x 71 cm
Sensing Area:	95" x 20" / 243 x 51 cm
Thickness: <small>(Uncompressed sensing area)</small>	0.06" / 1.5 mm

STANCE PAD SENSOR SPECIFICATIONS

SENSOR	
Accuracy:	± 10%
Pressure Range:	1-100 psi, 0.67-68 N/cm ²
Resolution:	0.25" / 6.35 mm
Sampling Frame Rate:	24 frames/second

PHYSICAL CHARACTERISTICS	
Total Area:	22.5" x 22.5" / 57 x 57 cm
Sensing Area:	16" x 16" / 41 x 41 cm
Thickness: <small>(Uncompressed sensing area)</small>	0.06" / 1.5 mm

OUR PLATFORM

INTELLIGENT DYNAMIC SENSING

The platform behind our human performance products, Intelligent Dynamic Sensing (IDS), enables precise measurements and features highly-detailed visualizations and smart data with AI-powered analysis — resulting in optimized performance, comfort, and safety.



Maximum performance sensing



Real-time data measurement and highest-quality visualizations



AI-powered data analysis and optimization

XSENSOR

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