



INTELLIGENT INSOLES **Clinical**



Validate Treatment Decisions

The Intelligent Insoles | Clinical is a plantar pressure and gait measurement system that allows clinicians to quantify foot function, loading, and motion with the ability to validate treatment plans that result in improved patient outcomes.

Book a demo with one of our human performance experts today!



KEY BENEFITS

CAPTURE PLANTAR PRESSURE & GAIT DATA IN MINUTES

- Record plantar pressure and natural gait quickly with reliable wireless sensors. View live pressure and gait data in real-world settings.
- High-quality plantar pressure data allows clinicians to zero in on pressure and load concerns confidently.
- Integrated inertial measurement unit (IMU) and pressure data provide accurate temporal measurements for functional gait assessment.

VISUALIZE AND MEASURE IN REAL TIME

- Practical, user-friendly software tools help visualize pressure distribution, center of pressure (CoP), and gait lines in real-time.
- Automated stance detection and detailed statistics simplify single or multi-step gait analysis.

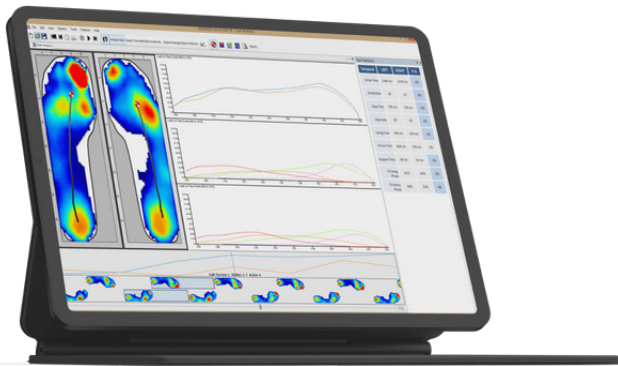
COMPARE AND VALIDATE TREATMENT DECISIONS

- Ensure accurate diagnoses using detailed plantar pressure and gait data. Customize visuals and statistics easily with flexible zone tools.
- Detect stride variations with intelligent gait analysis. Assess and validate interventions with automated comparisons, generating detailed reports effortlessly.

SHARE DATA AND COLLABORATE WORLDWIDE

- XSENSOR's Clinical Cloud software feature provides a secure, HIPAA-compliant database.
- Access your data in the clinic or remotely in an efficiently organized and sorted clinician-focused interface.

CLINICAL FOOT & GAIT SOFTWARE



SOFTWARE

Desktop Software

- Flexible, full-featured software designed with clinicians in mind
- High-resolution 2D and 3D images
- Customizable graph and statistics presentation
- Intelligent gait analysis
- Automated compare mode
- User defined foot zone templates
- Tailor-made report formats

Clinical Cloud

- Secure HIPAA-compliant database
- Organize and access client history from anywhere
- Compare previous data and current data in a seamless interface.

INTELLIGENT INSOLES | CLINICAL SPECIFICATIONS

INSOLE SENSOR

Accuracy:	± 5%
Thickness:	< 2.0 mm
Pressure Range:	1-128 psi, 0.7-88.3 N/cm ²
Resolution (Varies by shoe size):	7 mm (235 sensels/sensor)

ELECTRONICS - ON-SHOE

Sampling Rate:	150 Hz
Wireless:	Bluetooth®
IMU:	6-axis
Size:	1.7 cm x 4 cm x 5.5 cm
Weight:	42 g

SENSOR SIZING

	XXS	XS	S	M	L	XL	XXL
US (Men)	2/3	4/5	6/7	8/9	10/11	12/13	14/15
US (Women)	3.5/4.5	5.5/6.5	7.5/8.5	9.5/10.5	11.5/12.5	13.5/14.5	15.5/16.5

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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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