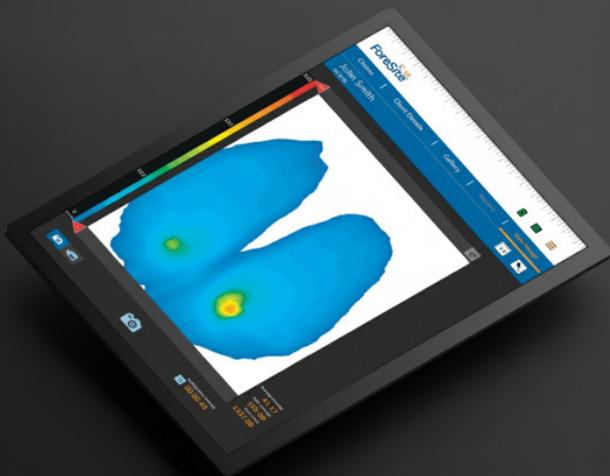


ForeSite® SS

Wheelchair Seating System

The ForeSite® SS is a pressure mapping system designed to support evidence-based wheelchair seating assessments and help reduce the risk of pressure injuries. By delivering accurate, objective pressure data, ForeSite SS enables clinicians to make confident seating decisions that improve patient safety, comfort, and outcomes.

Unrelieved surface pressures are a leading contributor to tissue damage in wheelchair users. ForeSite SS visualizes pressure distribution in real time, allowing clinicians to quickly identify risk areas and guide effective seating interventions.



KEY BENEFITS & FEATURES

IMPROVE PATIENT SAFETY

- Identify areas of elevated pressure to support timely seating and positioning adjustments.
- High-resolution pressure maps reveal pressure distribution and peak pressure points in real time.

STREAMLINE CLINICAL ASSESSMENTS

- Perform efficient, adaptable seating assessments across a wide range of wheelchair configurations.
- Flexible, cleanable seat sensors conform easily to cushions, and an optional back sensor enables more complete evaluations.
- Wireless Bluetooth® connectivity eliminates cables and simplifies setup.

ENABLE CONFIDENT, EVIDENCE-BASED DECISIONS

- Collect, analyze, and share reliable pressure data to support clinical recommendations.
- Medical-grade tablet with pre-installed clinical software delivers clear visuals, statistics, 3D views, anatomical markers, and symmetry analysis.
- Durable sensors require no recalibration, and HIPAA-compliant data encryption supports patient privacy.

SPECIFICATIONS

SENSOR	
Accuracy:	±5% full-scale
Sensing Area:	18" x 18" (45.7 cm x 45.7 cm)
Pressure Range:	0.1-3.87 psi (0.07-2.7 N/cm ²)
Spatial Resolution:	0.5" (12.7 mm)
Cleanability:	TIR30
Model:	LX100:36.36.02
Calibration:	ISO/IEC 17025-accredited
Sampling Frame Rate:	5 frames/second

SYSTEM	
Electrical/Mechanical Safety:	IEC/EN 60601-1:3 rd Ed.
Electromagnetic Compatibility:	IEC/EN 60601-1-2:3 rd Ed.

TABLET	
Display:	10.1" touchscreen
Medical Certification:	ES 60601-1
Power Input:	12 VDC
Power Consumption:	Battery: 7.4 V/6,300 mAh Li-ion

SOFTWARE FEATURES

Practical, intuitive software delivers clear insights into wheelchair seating pressure.

- Capture real-time pressure images and generate clear visual statistics and reports.
- Advanced analysis tools support evidence-based seating decisions:
 - 2D and 3D pressure views
 - Anatomical markers
 - Symmetry assessments
 - Comparison reports for before-and-after evaluations



OUR PLATFORM

INTELLIGENT DYNAMIC SENSING

The platform behind our continuous skin monitoring products, Intelligent Dynamic Sensing, 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

SALES

+1 (403) 266-6612
sales@xsensor.com

WEBSITE

xsensor.com

Learn More
or Schedule a
Demonstration

