

ForeSite[®] SS

Wheelchair Seating System

The ForeSite[®] SS is a pressure imaging system that helps therapists and clinicians prevent pressure injuries in patients using wheelchairs.

One of the biggest factors affecting the continued health of wheelchair users is the safety of their wheelchair seating design. If elevated body surface pressures are not relieved, wheelchair patients are susceptible to tissue damage that can lead to the development of pressure injuries.



KEY BENEFITS

IMPROVE PATIENT SAFETY

- Quickly identify areas of elevated pressure in wheelchair seating to visualize positioning adjustments and prevent pressure injuries from occurring.

EASILY ASSESS WHEELCHAIR USERS

- Flexible sensor design conforms easily to any wheelchair seat and the cleanable construction eliminates the need for disposable covers.
- Include an optional back sensor in your assessment to provide a more complete image of the client's pressure distribution and peak pressure points.

EFFICIENT DATA COLLECTION

- Get accurate, easy-to-read visual results and statistics in minutes. The medically-certified tablet is pre-installed with purpose-built clinical seating software. Reliable, accurate sensors do not require recalibration.
- Analyze wheelchair seating using advanced tools like anatomical markers, symmetry, and 3D views. Save images or videos of pressure data, then share them via email.
- Wireless communication (Bluetooth[®]) between sensor and handheld tablet makes patient assessments hassle-free.
- Adhere to patient data privacy policies with HIPAA client data encryption.

FORESITE SS SPECIFICATIONS

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

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

FORESITE SS SOFTWARE

SOFTWARE	
Display:	10.1" touchscreen
Medical Certification:	ES 60601-1
Power Input:	12 VDC
Spatial Resolution:	0.5" (12.7 mm)
Power Consumption:	Battery: 7.4V/6300 mAh Li-ion



OUR PLATFORM

INTELLIGENT DYNAMIC SENSING

The platform behind our continuous skin monitoring 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

SALES

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

WEBSITE

www.xsensor.com