

ForeSite™ SS

Wheelchair Seating System

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.

EFFICIENT DATA COLLECTION

Get simple, easy to read visual results and statistics in minutes. The touchscreen tablet, pre-installed software and wireless sensor requires little set up time and no recalibration is required.

Real-time pressure data for wheelchair seating assessments.

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.

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

- Analyze wheelchair seating using advanced tools like anatomical markers, symmetry and 3D views. Save stills or videos of pressure images, then share them via email.
- Wireless communication (Bluetooth) between sensor and handheld tablet makes patient assessments hassle-free.
- Include an optional back sensor in your assessment to provide a more complete image of the client's pressure distribution and peak pressure points.
- Adhere to patient data privacy policies with HIPAA client data encryption.



FORESITE SS SPECIFICATIONS

SENSOR	
Accuracy:	+/- 5% full scale
Sensing Area:	18" x 18" (45.7cm x 45.7cm)
Pressure Range:	0.07-2.7 N/cm ² (0.1-3.87 psi)
Spatial Resolution:	0.5" (12.7mm)
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" touch screen
Medical Certification:	ES 60601-1
Power Input:	12 VDC
Spatial Resolution:	0.5" (12.7mm)
Power Consumption:	Battery: 7.4V/6300 mAh Li-ion

OUR PLATFORM

INTELLIGENT DYNAMIC SENSING

The platform behind our products, Intelligent Dynamic Sensing (IDS) enables precise measurements and features highly detailed visualizations and rich 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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