XSENSOR® Technology Corporation
Innovators in Pressure Imaging

Enhanced X3 DISPLAY
Seat System Package for Patient Safety

XSENSOR pressure imaging systems help clinicians, occupational therapists, physical therapists, and rehab specialists prevent and manage the risk of pressure ulcers when assessing surface selection and patient positioning on wheelchairs.

Patient Safety Innovations:
X3 MEDICAL v6.0 Software and the LX Sensor

Simplify and standardize patient seating assessments
The new Seating Assessment Guide, available with the **X3** DISPLAY v6.0 and **X3** MEDICAL v6.0 software, organizes seating assessments into four simple steps. With consistent and standardized data collection, clinicians can be confident in the results and the seating surfaces they prescribe.

Spend more time evaluating patient needs
The LX sensor is designed to remain calibrated for five years of rigorous use. Time saved on calibration equals more time spent with patients.

Increased accuracy and repeatability without compromise
The new LX sensor provides clinicians with increased data accuracy and repeatability. Clinicians can be assured that they are gathering data of the highest quality, with the same durability, conformability, and image detail found in all XSENSOR products.

X3 DISPLAY Seat System Package Advantages

EASY TO USE
The **X3** DISPLAY features a portable hand-held device with a simple software interface. No computer required. Just plug it in and start!
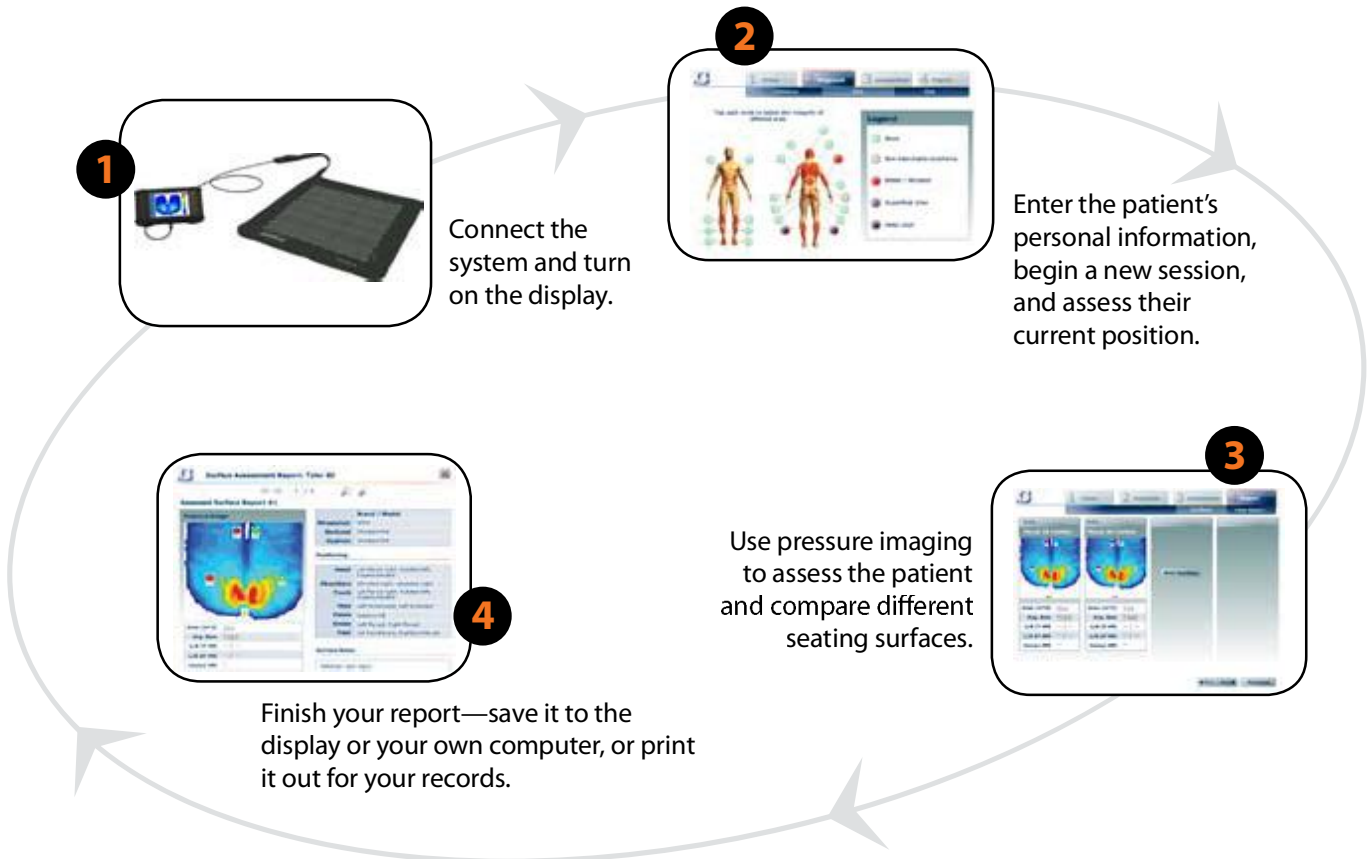
ACCURATE RESULTS
The LX100 sensor remains within ±2% full scale of the initial calibration after five years of accelerated lifetime testing, based on the ASTM 1566-99 (section 9) standard.

LOW COST TO OWN
XSENSOR's combined system has a lower total cost of ownership. It has the durability to be used frequently in demanding clinical environments without requiring maintenance or replacement.

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XSENSOR's Patient Safety Systems: Software, Sensors, and Electronics

XSENSOR has designed its software, sensors, and electronics to work seamlessly to provide high-quality pressure imaging in patient safety applications.

1 Connect the system and turn on the display.

2 Enter the patient's personal information, begin a new session, and assess their current position.

3 Use pressure imaging to assess the patient and compare different seating surfaces.

4 Finish your report—save it to the display or your own computer, or print it out for your records.

Software +

The **X3** DISPLAY combines seamlessly with XSENSOR's **X3** MEDICAL v6.0 software to provide live, dynamic pressure imaging. The Seating Assessment Guide walks users through a simple four-step process and enables them to print detailed reports directly from the display.

Sensors +

XSENSOR sensor pads are flexible and durable. They conform quickly and easily to the contours of uneven surfaces and are designed to withstand rigorous and frequent clinical use. A slip-resistant cover allows for easy patient maneuvering.

Electronics

The user-friendly **X3** DISPLAY can be promptly activated using a single cable connection and pre-loaded software. All electronics are equipped with plug-and-play functionality, which allows users to focus their time on the patient, rather than system set-up.

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X3 MEDICAL v6.0: The Seating Assessment Guide

Every **X3** DISPLAY Medical Seat System comes with XSENSOR's new **X3** MEDICAL v6.0 software, which includes the new Seating Assessment Guide. Clinicians have the option to conduct a seating assessment by following a series of simple steps and can compare up to four different surfaces. The final report generated by **X3** MEDICAL v6.0 software is an excellent tool that can be used to document and support the clinician's final recommendations.

Start to Finish in Four Simple Steps

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STEP 1: BEGIN A NEW CLIENT SESSION
Enter the patient's name, personal information such as height and weight, and your organization's patient tracking numbers.
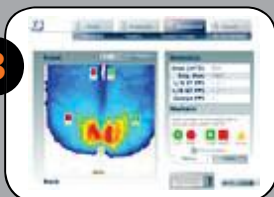
②

STEP 2: DIAGNOSE THE PATIENT
Enter your patient's medical condition, including his/her skin characteristics, and identify the areas of risk related to his/her current seating configuration.

③

STEP 3: ASSESS THE PATIENT USING PRESSURE IMAGING
At this stage, clinicians can place the sensor pad underneath the patient and then identify areas of high pressure using XSENSOR's advanced sensor technologies.

Assess the patient's current seating arrangement (wheelchair, backrest, and cushion) and adjustments to the equipment. Use the information collected to evaluate up to four potential seating alternatives and choose the best option for the client.

Clinicians can confidently develop a prescription for seating that relieves pressure and reduces the risk of pressure sores.

④

STEP 4: USE THE REPORTING TOOLS TO PRESCRIBE, DISCUSS, AND RECORD
After the patient assessment is completed, clinicians can use the detailed report generated by **X3** MEDICAL v6.0 software to:

• Prescribe appropriate seating
• Discuss the results with their patients
• Maintain detailed patient records

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Flexible Purchasing Options That Suit Your Needs

The LX100 Sensor: High Accuracy, Low Cost of Operation

The LX100 sensor is perfectly suited for frequent use in a clinical environment, due to high repeatability, low hysteresis, and low creep characteristics. These characteristics equal the most accurate, durable pressure imaging sensor available.

Calibration for the LX100 is also highly stable: calibration remains within ± 2% full scale of the initial calibration after five years of accelerated lifetime testing, based on the ASTM 1566-99 (section 9) standard. Spend more time with patients and less time calibrating your sensor.

LX100 seat sensor

Pressure Imaging Sensors for Seat, Back, and Mattress Assessments

XSENSOR offers sensors of different sizes and resolutions to conduct seat, back, or mattress assessments. Customers are able to buy these sensors in combination (e.g., seat, seat and back, and seat and mattress).

APPLICATION	SENSOR SIZE RANGE	SENSING POINT RANGE
Seating Assessment	18" x 18" (45 cm x 45 cm) to 24" x 24" (60.9 cm x 60.9 cm)	Up to 2,304 sensing points
Back Assessments	18" x 18" (45 cm x 45 cm) to 20" x 32" (50.8 cm x 81.2 cm)	Up to 2,560 sensing points
Mattress Assessments	24" x 72" (60.9 cm x 182.8 cm) to 32" x 80" (81.2 cm x 203.2 cm)	Up to 10,240 sensing points

X3 DISPLAY

X3 DISPLAY Medical Seat System

Our best product bundle is easy to use right out of the box:
- **X3** PX100:36.36.02 seat sensor
- Pre-installed XSENSOR **X3** MEDICAL v6.0 software
- **X3** DISPLAY platform
- **X3** SENSOR PACK
- CompactFlash memory card
- Stand and stylus
- 10 Medical sensor sleeves
- X3 USB cable, X3 Medical power supply and country-specific power cord
- Soft carry case

*LX sensors can be substituted into any product bundle.

LX100 sensor system

Customers with a computer can purchase our **X3** MEDICAL Seat System, which includes sensor pad(s) and **X3** MEDICAL v6.0 software for installation.

Standard Features and Accessories
• 12-month parts and service warranty
• Direct telephone support line
• Durable carry case
• Country-specific electrical cables

Optional Features
• Combine a mattress sensor with your order for full-body imaging
• Extended warranty on sensors and electronics