XSENSOR® X3 PRO v7.0

## Efficient and effective tools for the experienced pressure imaging customer.

X3 PRO v7.0 provides advanced automated features for design and test engineers. Building on the stable and secure recording and data integrity platform of PRO v6.0, this latest release focuses on providing more effective process and reporting tools for automotive and tire design and performance engineers.

## AutoSeat Mode
Tools for layout and reporting

A comprehensive tool for automotive and aerospace seating customers providing photo import, pressure image overlay, h-point sizing and adjustment, and surface area and reporting. Seating design and test engineers can now overlay pressure images on photos or graphics and adjust the pressure image size and positioning to specific h-point references. Groupings can then be created and information presented in the images and on a body form. Data can be presented in pressure gradients, average pressure, contact area and more.
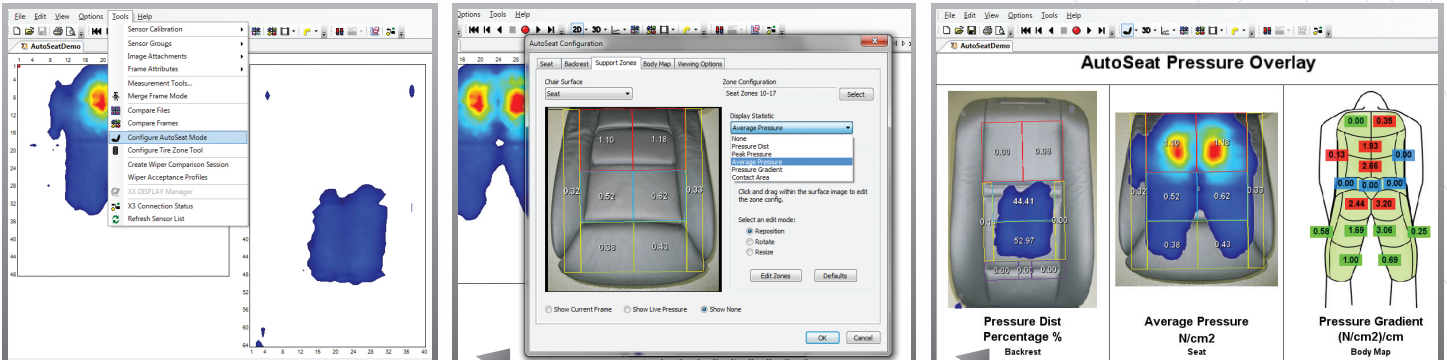
Tire Zone Mode
Tools for automated measurements, ratios, averages and reporting

A systematic process for recording tire pressure images, selecting specific images and then calculating lengths, ratios, contact areas, gross contact areas, and groove area fractions. The process allows for the adjustment of applied measurement lines and the automatic recalculation of measurements.
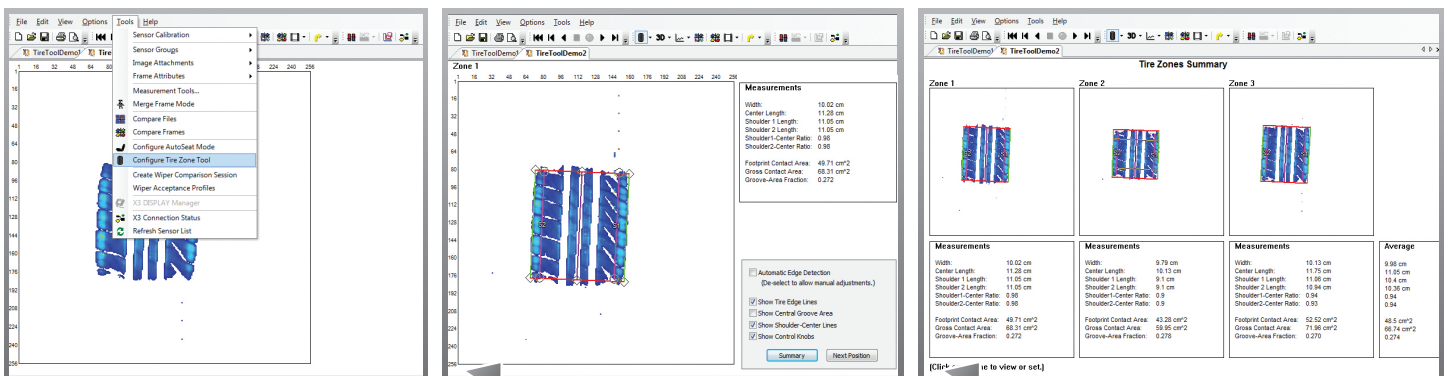
XSENSOR® Technology Corporation

Innovators in Pressure Imaging

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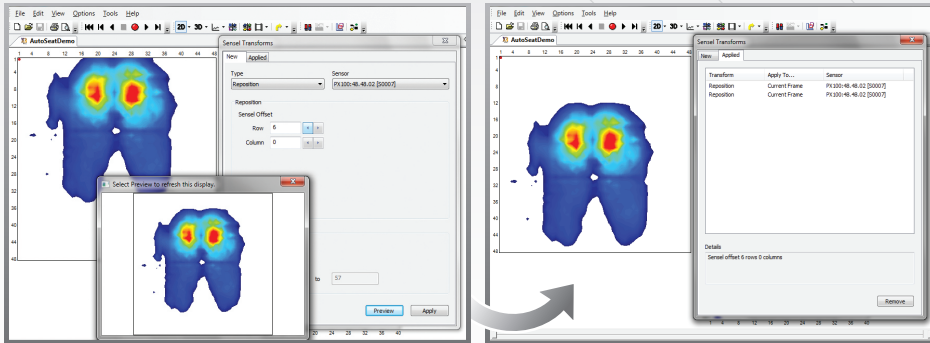

Sensel Transform

Functionality allowing the user to move the pressure image within the window to easily align with previous frames or images. Misalignment or movement of sensors can be adjusted and aligned afterwards to provide more consistency in image alignment for averaging and analysis.

Wiper Blade Acceptance Parameters

Apply user defined acceptance parameters for wiper blade pressure files to determine whether or not a specific wiper blade or wiper blade design meets predetermined specifications. User defined parameters can be set in one location and implemented worldwide to maintain consistency in measurements and quality.
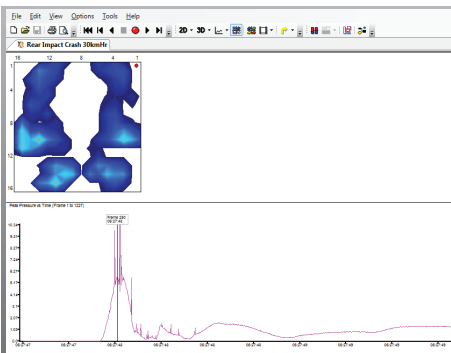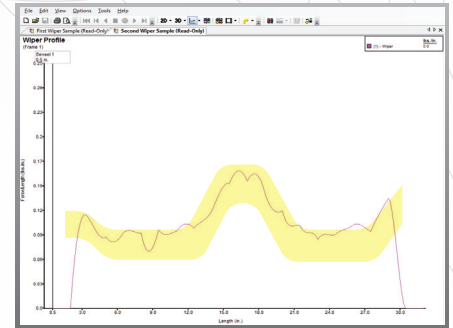

High Speed Data Acquisition

X3 PRO v7.0 provides the ability to use specific X3 high speed sensors and record at rates up to 500 frames per second. For the first time, pressure imaging can effectively be used on high speed data acquisition environments such as automotive rear impact testing for car seat safety and performance. High speed data acquisition combined with optimized X3 sensors provides insights into research applications which were never possible until now.

Applied Load Calculations

Users can apply external load measurements to a frame, a series of frames, or a file and the data will be adjusted accordingly. The original data is always kept intact allowing the user to revert to original data or apply different load calculations to the pressure readings.
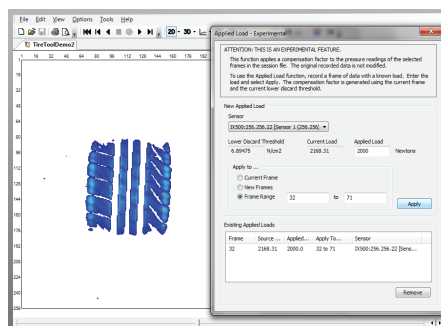
Other Features

- Zero pressure filters
- Centre of Pressure trails
- Advanced merge frame functionality

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