

GaugeSafe Data Exchange Software + Pi-XS

Simplicity, Repeatability, and Accuracy.



The Pi-XS Digital Indicator is a simple but effective solution for determining the strength of materials or products in tension, compression or flexure. Typical applications include: concrete cylinder testing according to ASTM C39, cement cube testing according to ASTM C109, concrete beam testing according to ASTM C78, measuring peak load or stress in tension or compression, measuring pull-out or push-in forces, remote on-site testing, and proof load testing.

The Windows 7/8/10 compatible GaugeSafe Data Exchange program will communicate with your Pi-XS directly through the USB computer port. Users can setup the Pi-XS to run tests and view peak readings. They may also choose to display the results on ADMET's PC based GaugeSafe Data Exchange software for further analysis.

Channels View

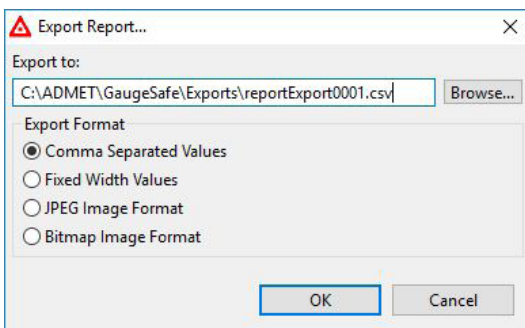
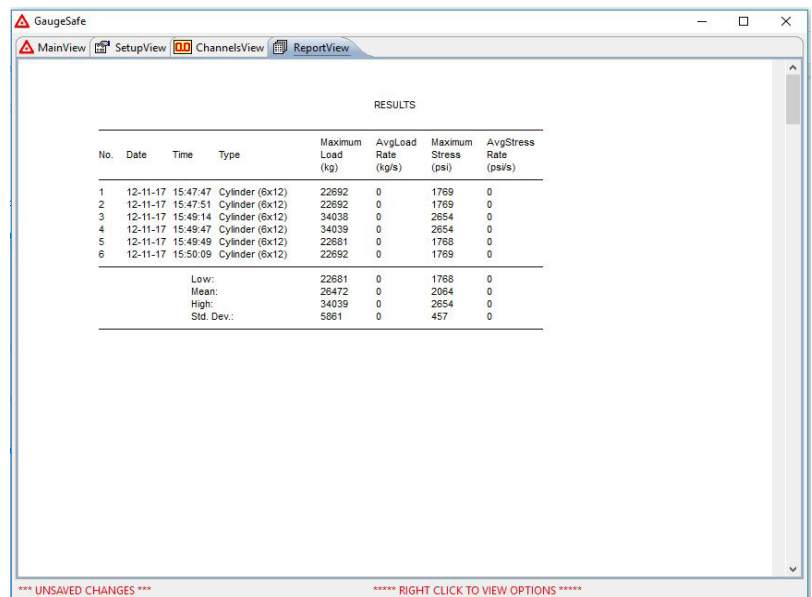
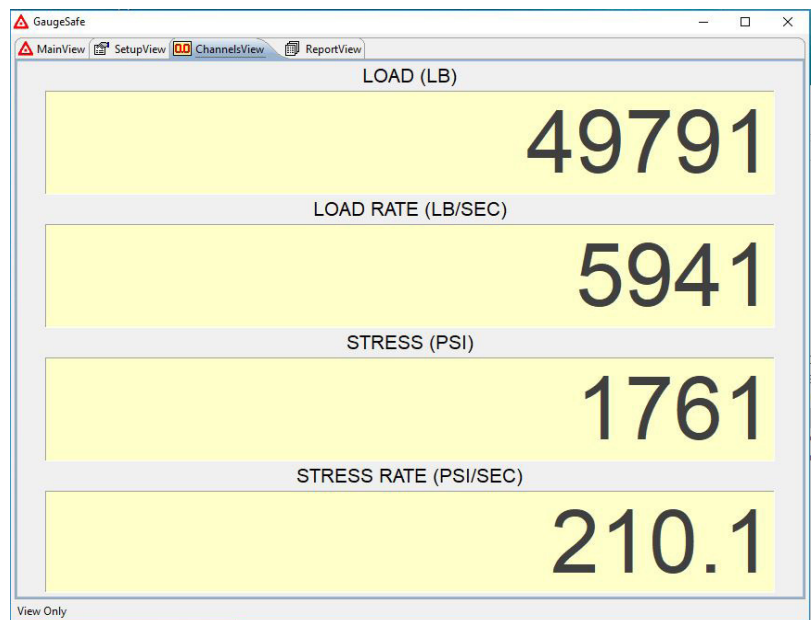
Using the GaugeSafe software, users can access live numerical data: load, load rate, stress, and stress rate as shown in the image to the right.

Test Reports

At test completion, the Pi-XS will display peak readings such as the peak load and the peak stress on the LCD. Users may also choose to send the test results into the GaugeSafe Data Exchange software for viewing and printing of test reports.

The test report includes the calculated mechanical properties, specimen geometry and test parameters. An example test report is shown below to the right. The GaugeSafe software also allows the comparison of results from multiple tests using statistical summaries.

The raw test data can also be exported from GaugeSafe software for further analysis in common spreadsheet programs. Two ASCII formats (comma separated and fixed width values) and two image formats (JPEG and bitmap) are supported (seen below).



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