

# Laser Analysis Software

## ST311 LaserVIEW

The ST311 LaserVIEW laser analysis software is an interactive program designed to measure, capture and display recorded measurements from displacement laser sensors – including the ST303 OptiGAGE and the ST203 MicroGAGE sensors. The Windows based software is part of a versatile data acquisition package used in conjunction with the ST300MTS portable data acquisition system and an IBM compatible computer.

Measure and view up to 4 channels of sensor data easily with the LaserVIEW software. A simple configuration screen allows the user to quickly setup each of the incoming signals, providing for either an absolute or relative offset feature. This is especially helpful when viewing data from multiple points around an object. Examples of use include measuring loose feet on a motor mount or corners of an oscillating object.

## KEY FEATURES

- ◆ Record & view live statistical data
- ◆ Sampling rates up to 1024/s
- ◆ Scaleable time settings
- ◆ View up to 4 inputs simultaneously
- ◆ High resolution capability
- ◆ Save and review historical data

## BENEFITS

- ◆ Enable in-house data collection
- ◆ Obtain accurate real-time data
- ◆ Facilitate ISO certification
- ◆ Eliminate down time



**Figure 1:** The LaserVIEW program is a versatile data acquisition tool that is used to capture displacement laser data and display the information on a laptop or PC. It is used in conjunction with the ST300 MTS portable data acquisition system.



**Figure 2:** The configuration screen allows the user to set recording in either a relative or absolute mode with respect to the objects position as well as vertical and horizontal limits on the graphs.

