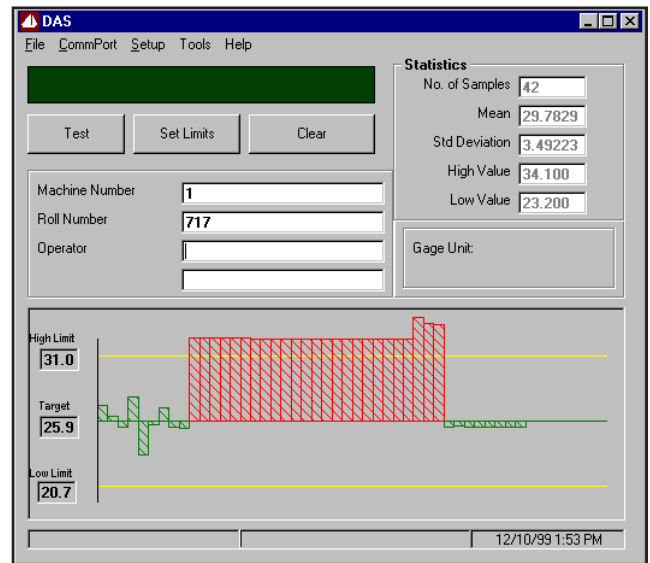# DAS
Data Acquisition Software

Thwing-Albert's ProGage Thickness Tester and the ProTear Elmendorf Tester are both available with the Data Acquisition Software (DAS) package. DAS provides enhanced capabilities for these instruments and existing units can be easily upgraded to run the software — including the 89-100 Thickness Tester.

DAS is a Windows-based program that provides the ability to collect data from the tester, download it to a PC and perform additional statistical analysis. Test results are immediately displayed on the computer screen, plotted on a real-time graph and included in the statistical calculations. These results can then be saved to a file which can be recalled later to continue adding test data or for reference purposes. Each file stores up to 1000 test results. Information can also be saved as an Excel® file via user friendly drop-down menus.

In conjunction with the ProGage Thickness Tester, DAS enables the user to define a multiple number of tests to be performed before automatically stopping.

Customize Reports and Desktop View

User-defined labels and report headers make it easy to customize the desktop view and reports for specific applications. The real-time graph can be displayed as either a bar or line chart and all test results within the limits will appear green while results that are outside the limits will appear red. Upper and lower limits of result value are user defined and easily modified. Depending on specific test parameters, a warning will appear after a predetermined number of tests have resulted in values outside of the limits, thereby flagging unusual tests.

▲ Test results displayed on a real-time graph as a bar chart.

▲ DAS provides enhanced capabilities for both the ProTear Tearing Tester and the ProGage Thickness Tester.