

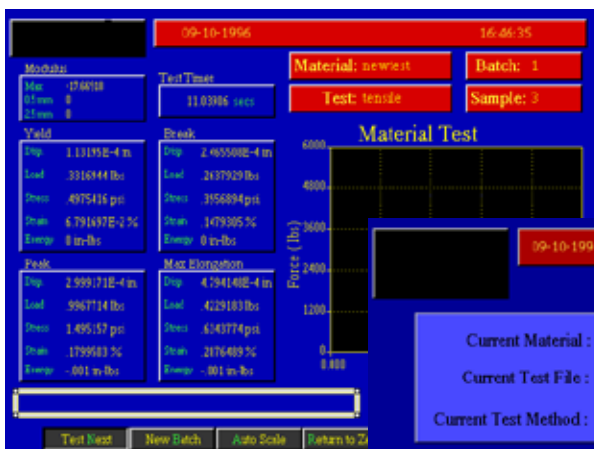
■ Computerized Material Testing: Automated Controls for Material Testing Equipment

Highlights:

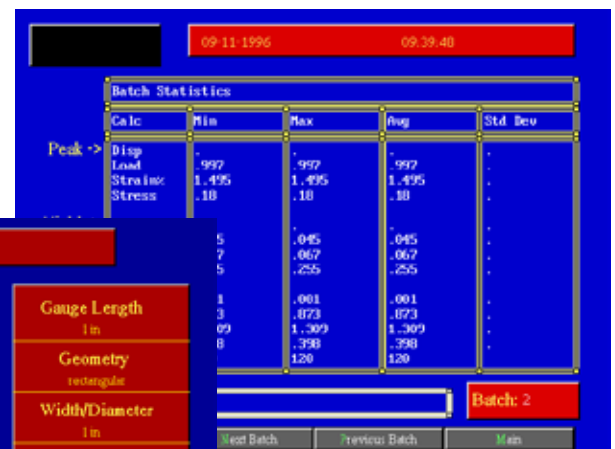
- Performs Compression, Tensile, and Flexural strength tests
- Test results are calculated automatically after each test
- Test data is logged to computer files for storage and is easily reviewed
- Statistical analysis of the data is performed to show trends in the material
- Easy to use graphical displays

The Sciometric® Test and Analysis System is directly integrated with existing material testing machines to provide a complete computer based material testing system. Several of these tests can be performed whether tensile, compression, or flexural type tests are required. Graphical displays report the information collected during the test under fully software configurable options. The results include several standard calculations such as peak load, breaking strain, Young's modulus, and yield stress.

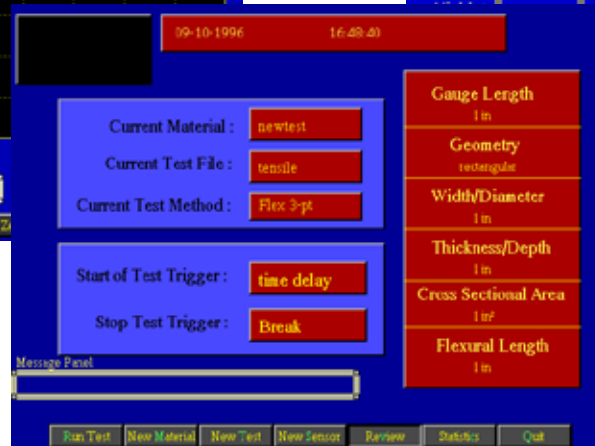
The system is compatible with several different manufacturer's testing machines, including: Instron, MTS, Lloyd, SATEC/Baldwin, Tinius Olsen, United and others. A compact enclosure houses several electronic modules that tie into a computer and are used to sense position, load, and machine movement control (optional). All test data and results are stored in the computer, available for review or printing at any time.



Force Test Screen



Test Screen showing Batch Statistics



Tensile Test Screen

www.sciemetric.com
 email: inquiries@sciemetric.com
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