



For a Total Solution to all of your Materials Testing Needs

FOR IMMEDIATE RELEASE

ADMET's MTESTWindows Force Calibration System speeds throughput in calibration labs

NORWOOD, Mass. – Sept. 28, 2004 – ADMET Inc., a provider of integrated mechanical testing systems, is announcing the MTESTWindows™ Force Calibration System for calibrating load cells in tension or compression. The force calibration system is ideal for transducer manufacturers who want to improve the throughput in their calibration labs. It performs a regression analysis of force transducers and reports the coefficients of the best fit polynomial, standard deviation, uncertainty, and the percent error at each calibration point. The MTESTWindows Force Calibration System also allows calibrations to be performed according to ASTM E74 where the load cell is rotated 120 degrees between each load cycle and a curve is fitted to the average of the three cycles.

The MTESTWindows Force Calibration System can be installed on any one of ADMET's electro-mechanical or hydraulic testing systems and can be retrofitted to virtually any existing testing machine or press. It includes an external interface box that controls the movement of the load frame in tension or compression and acquires load, deflection and millivolt data from the force transducer under test.

Test control

MTESTWindows employs a high speed 32-bit microprocessor for precise closed loop control of electrohydraulic and electromechanical test frames. It uses a Proportional Integral Derivative control algorithm and features monotonic, cyclic and segmented control profiles.

Test reporting

MTESTWindows generates single test reports that include a load vs. millivolt plot including best fit polynomial coefficients, standard deviation, uncertainty and a table showing percent error at each calibration point. All data can be exported in ASCII delimited format for easy import into common spreadsheet and database programs.

MTESTWindows Force Calibration System is easy to learn and easy to use. Unlike competing Windows-based systems, a new MTESTWindows user can be performing tests in less than a day. ADMET also offers free phone support for the life of the product and free upgrades for the first year.

“MTESTWindows Force Calibration System’s all in one solution and ease of use speeds throughput of transducer calibration labs,” commented Richard Gedney, ADMET founder and president. “ No more logging the load vs. millivolt data on one computer, transferring it to another computer, importing it into a spreadsheet program, manually determining the best fit polynomial, then typing the results into a report. We generate the report automatically after each test. It also works with virtually any testing frame and lab information management system.”

The MTESTWindows Force Calibration System is available immediately directly from ADMET or through affiliated sales/service organizations. An MTESTWindows online brochure is available at:

<http://www.admet.com/assets/MTESTWindowsBrochure.pdf>. Price quotes are available by contacting ADMET at 800-667-3220.

About ADMET

ADMET Inc. combines high quality products and services with total cost effectiveness to deliver the industry’s most efficient materials testing systems. Its products range from materials testing frames to software and specialized control units. The company offers new testing systems as well as retrofits of existing machines from ATS, Baldwin, ELE Soiltest, Forney, INSTRON, MTS, Riehle, SATEC, Shimadzu, Testmark, Tinius Olsen, United and others. Highly skilled engineers provide customers with personalized research and development services and support to make ADMET the most responsive materials testing equipment supplier. ADMET’s loyal customer base includes leading manufacturers, testing labs, researchers and universities in aerospace, automotive, biomedical, construction, metals, plastics, textiles and other industries. ADMET can be reached at 800-667-3220, sales@admet.com or by visiting <http://www.admet.com>.

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ASCII - American Standard Code for Information Interchange
ASTM - American Society for Testing and Materials

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