



*For a Total Solution to all of your Materials Testing Needs*

**FOR IMMEDIATE RELEASE**

## **ADMET debuts low-cost eP Digital Controller for Tabletop Testing Machines**

*New design features small size and integrated PWM Motor Drive...*

NORWOOD, Mass. – June 2, 2005 – ADMET Inc., a manufacturer of integrated materials testing systems, today announced a new digital controller with PWM motor drive for use on new or existing tabletop tension, compression and torsion testing equipment. The new eP Digital Controller features force and position inputs, a 24 key tactile keypad and a four-line LCD with 5/16" high, easy-to-read digits. Key to the design is an integrated PWM motor drive that will control brushed motors requiring up to 500W of power. The eP can be programmed to calculate max force, min force, average force, force at break, extension at break, extension at force, force at extension and stiffness. Calculated results and XY data can be downloaded to a computer via an RS232 serial port for further review and reporting. The eP is powered by a 32-bit microprocessor, which provides accurate closed-loop control of test speed. Force accuracy exceeds ASTM E4 requirements and in general exceeds 0.5% of reading.

"The eP Digital Controller is ideal for testing films, adhesives, textiles, polymers and for performing product tests on such things as mechanical and medical devices, electronics and springs," commented Richard Gedney, ADMET founder and president. "With prices starting at \$2,950, the eP Digital Controller makes automatically controlled testing cost effective for many more applications. It also makes the retrofit of existing low-cost tabletop testing machines economically viable."

The eP Digital Controller measures 9.3" W x 4" D x 8.4" H and can be mounted on either the column or base of a machine. Over the next few months ADMET will be integrating the new controller into its line of tabletop testing machines; it is immediately available for retrofit applications directly from ADMET and through ADMET representatives.

**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 Industries, 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](mailto:sales@admet.com) or by visiting <http://www.admet.com>.

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PWM—Pulse Width Modulator

LCD—Liquid Crystal Display

High resolution photo available. Contact Sandy McLaughlin.

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