

# Mechanical Testing Systems

# ADMET



Testing systems with the  
accuracy you need and the  
flexibility you desire

[www.ADMET.com](http://www.ADMET.com)

## Mechanical Testing Systems

### Universal Testing Machines

Hydraulic	Floor-Standing	Table Top	Single Column	Micro
				
<ul style="list-style-type: none"> <li>• Servo hydraulic</li> <li>• Up to 600kN</li> <li>• Up to 500mm/min</li> </ul>	<ul style="list-style-type: none"> <li>• Electromechanical</li> <li>• Up to 200kN</li> <li>• Up to 2500mm/min</li> </ul>	<ul style="list-style-type: none"> <li>• Electromechanical</li> <li>• Up to 50kN</li> <li>• Up to 2500mm/min</li> </ul>	<ul style="list-style-type: none"> <li>• Electromechanical</li> <li>• Up to 5kN</li> <li>• Up to 2500mm/min</li> </ul>	<ul style="list-style-type: none"> <li>• Electromechanical</li> <li>• Up to 5kN</li> <li>• Up to 500mm/min</li> </ul>

### Biaxial Testing Machines



Ideal for simulating real-world conditions, ADMET offers both planar and tension/compression/torsion (TCT) biaxial test systems. Systems can be equipped with a variety of grips, fixtures, baths, heating and cooling chambers.

- Planar Biaxial System Capacity: grams of force to 2kN
- TCT - Axial Capacity: grams of force to 100kN
- Torsion Capacity: ounce-in to 100Nm.

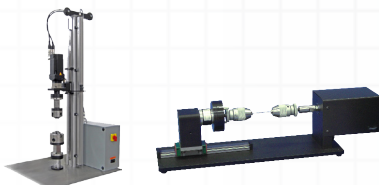
### Fatigue Testing Machines



The eXpert series dynamic testing machines are compact, quiet, and clean systems for determining the durability and mechanical properties of products and materials. ADMET high-speed closed-loop controllers generate sine, square and triangular waveforms.

- Table Top System Capacity: grams of force to 2kN
- Floor Standing System Capacity: Up to 100kN

### Torsion Testing Machines



ADMET torsion testing systems are configured in either a vertical or horizontal orientation. These systems employ a linear slide design for maximum torsional stiffness and minimal axial friction. All torsion systems feature unlimited rotation in both directions and are ordered in either horizontal or vertical orientation.

- Torsion System Capacity: ounce-in to 300 Nm