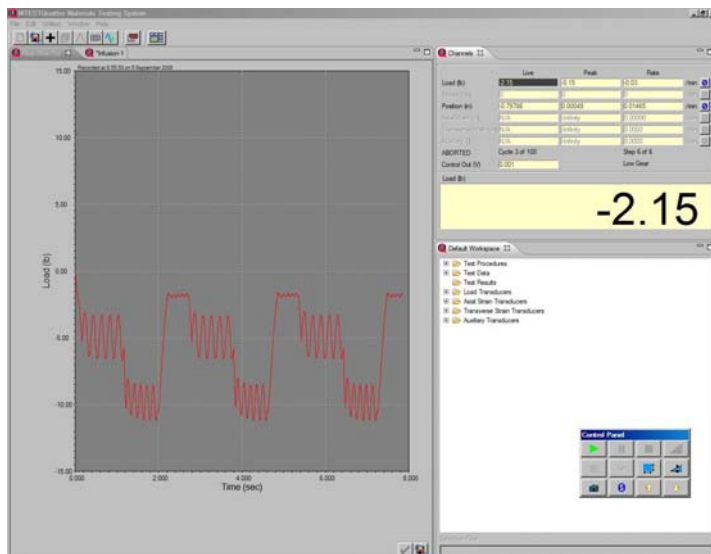


DForce *Dynamic Mechanical Tester*



- Test biomaterials, composites, medical devices, packaging, products and more.
- Continuous forces from 20N to 275N (4 lbf - 60 lbf).
- Peak forces from 90N to 1850N (20 lbf - 400 lbf).
- Actuator Strokes from 25mm to 300mm (1 in - 11 in).

DForce is a low force mechanical testing system capable of performing static and dynamic tests to 15 Hz in tension or compression. Typical uses include determining the force-deflection properties and fatigue life of biomaterials, composites, medical devices, packaging, products and more. DForce comes equipped with ADMET's MTESTQuattro™ PC based materials testing system. MTESTQuattro™ features force, position, two strain and one auxiliary input to satisfy a variety of testing needs. It features a fast acting microprocessor for precise closed-loop control of ramp, cyclic and complex control profiles. All results and raw data can be exported to a database or spreadsheet program. Third party programs can also access the XY data in real-time which makes it possible to combine mechanical data with data from other pieces of equipment.



Example of a complex cyclic profile performed on DForce with MTESTQuattro™.

DForce actuators are linear motors that come in three frame sizes providing continuous forces from 20N to 275N (4 lbf - 60 lbf) and peak forces from 90N to 1850N (20 lbf - 400 lbf). Actuator strokes range from 25mm to 300mm (1 in - 11 in). An internal dry bearing provides clean quiet, maintenance free performance. Life expectancy far exceeds typical ballscrew solutions. Each system is custom engineered to meet your testing needs. Load frames can be configured to test in both vertical and horizontal orientations. Give us a call. Our application engineers are ready to assist you with your particular testing requirements.



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For a Total Solution to all of your Materials Testing Needs