
MD Series Motorized Dynamometer Test System

AVAILABLE TESTS AND FEATURES

- Available for AC, DC, and Servo based systems
- Custom Motor Fixtures and Bases
- Regulated Power Supplies for the Motor Under Test (MUT)
- Interchangeable Torque Transducers for Optimum Range with one dynamometer
- LabVIEW® Based Control and Data Collection Software
- Automated Capacitor Value Selection
- Power Regeneration (4 Quadrant)
- Dynamic Ramp or Load Points for Speed / Torque / Power and Electrical Parameters
- Slip Test (Rotating Locked Rotor)
- Windage and Friction Measurement
- Back EMF
- IEEE 112 Tests
- Integrated Hipot
- Integrated Winding Resistance Measurement
- Rotor Resistance Measurement
- Saturation
- Thermal Testing
- High resolution encoders can acquire position information
- Position, Speed or Torque mode
- Power measurement for PWM and BLDC driven motors
- UL testing temperature monitoring



APPLICATIONS

Magtrol's Motorized Dynamometers are custom configured to suit your exact needs. When test requirements exceed the capability of Magtrol's legendary line of braking dynamometers, a motorized dynamometer may be the solution.

Tailored to suit your specific product line, Magtrol's MD dynamometers allow a wide range of torque measurement, incoming power control, and test versatility not available before now.

Due to the continual development of our products, we reserve the right to modify specifications without forewarning.



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