

Series 100 Loading Accessories

Educational Training Equipment for the 21st Century

Bulletin 255H

DYN-100A-DM Electrodynamometer



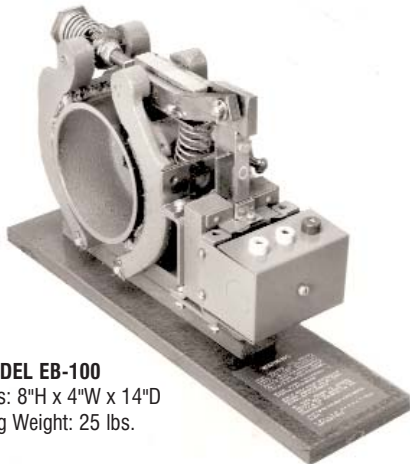
MODEL DYN-100A-DM
Dimensions: 10" H x 13" W x 14" D
Shipping Weight: 70 lbs

The Hampden **Model DYN-100A-DM** is a DC motor/generator cradled in sealed bearings to form a trunnion mount. It may be used: (1) as a DC machine in the determination of DC series, shunt, and compound motor and generator characteristics, (2) as a prime mover in generator and alternator load tests, and (3) as a generator to measure motor torque in either direction of rotation.

Its 6-inch diameter, zero-centered scale indicates torque to 2.5 lb-ft. and 3.4 N-m. The electro-dynamometer is rated at 1/3 HP as a motor and 250 watts as a generator. Furnished complete with cords.



EB-100 Electric Brake



MODEL EB-100
Dimensions: 8"H x 4"W x 14"D
Shipping Weight: 25 lbs.

The Hampden **Model EB-100** Electric Brake is a solenoid operated magnetic shoe brake with a continuous torque rating of 3 lb-ft. A large (4" diameter) wheel is mounted on the shaft of the motor to be braked. The solenoid coil is rated up to 240 volts AC. Ground and coil terminals are brought out to Hampden HR-1S receptacles.

H-REM-LC-D Load Cell and Signal Conditioner

The Hampden **Model H-REM-LC-D** Load Cell is designed to be used with any standard Hampden dynamometer, replacing the circular scale. The signal conditioner measures and displays torque on a digital read-out. Two separate amplifiers are used to permit torque measurements in either English units (lb-ft) or SI units (N-m). Separate analog output (0-5V DC) is available via Hampden HR-1S receptacles on the rear of the unit.



MODEL H-REM-LC-D
Dimensions: 8"H x 19"W x 8½"D
Shipping Weight: 25 lbs.

All Hampden units are available for operation at any voltage or frequency

Hampden
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