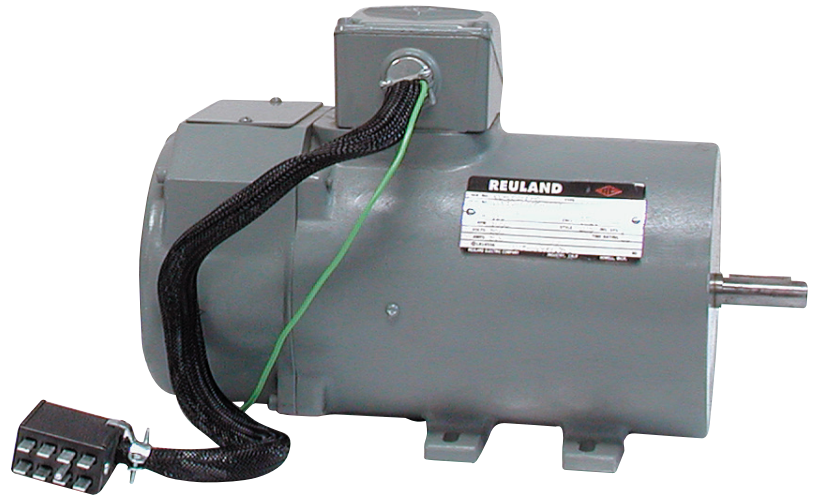


WOUND ROTOR MOTOR LEARNING SYSTEM 85-MT2-D



Amatrol's 85-MT2-D Wound Rotor Motor Learning System adds to the 85-MT2 Electric Machines Learning System and the 85-MT2-B DC Generators Learning System to teach wound rotor motors found in industrial applications. Wound rotor motors provide a variable speed capability for heavy-duty, high torque motor applications such as industrial cranes. Students will learn industry-relevant skills including how to operate, install, and analyze the performance wound rotor motors.

TECHNICAL DATA

Wound Rotor Speed Controller

- Steel Enclosure
- Speed Control Knob, 0-100%
- 5-way binding post connections
- Ground lug
- Resistors, 0-10 Ohm, 300 Watt (3)
- Circuit Breakers (3)

Wound Rotor Motor

- 208 VAC/60 Hz/3 Phase
- 1/3 Hp Rating
- Nema 56 Frame
- 1750 RPM
- Shaft Modified for tachometer reading from rear
- Multi-pin power lead connector with all windings accessible

Student Learning Activity Packet B877-XA

Required Items

- 85-MT2 Electric Machines Learning System
- 85-MT2-B DC Generators Learning System

Learning Topics:

- Performance Measurement
- Performance Analysis
- Speed Controllers
- Motor Reversing
- Installation
- Operation

CURRICULUM IS THE KEY TO LEARNING

The 85-MT2-D includes wound rotor motor, wound rotor speed controller, and student learning materials for theory and lab. The loads supplied with the 85-MT2-B (resistive and inductive) provide operation under various types of loads.

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