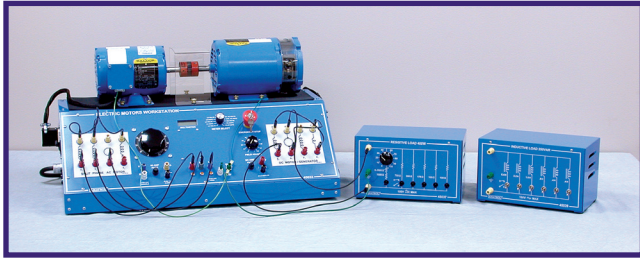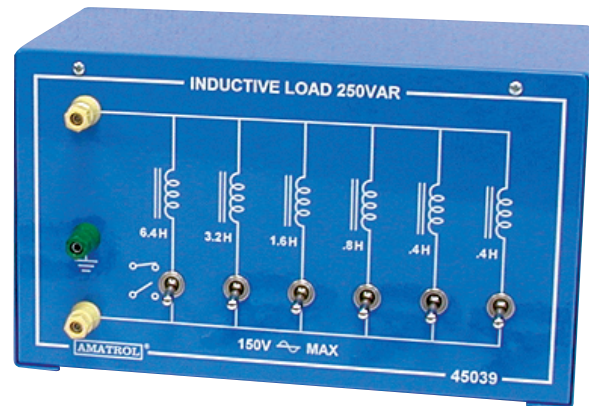# DC GENERATORS SYSTEM
85-MT2-B

85-MT2-B application

Amatrol's 85-MT2-B DC Generators Learning System adds to the 85-MT2 Electric Machines Learning System to teach DC generators commonly found in industrial, commercial, and residential applications. Students will learn industry-relevant skills including how to: operate, install, analyze performance, and select DC generators for various applications.

The 85-MT2-B includes resistive load and inductive load units that connect to the DC generator supplied with the 85-MT2 System to provide operation under various types of loads. Student learning materials for both theory and lab and a teacher's guide are included.

CURRICULUM IS THE KEY TO LEARNING

Learning Topics:

- **Performance Measurement**
- **Performance Analysis**
- **DC Series Generators**
- **DC Shunt Generators**
- **DC Compound Generators**
- **Installation**
- **Operation**

TECHNICAL DATA

Resistive Load Unit
- Steel enclosure
- 400 Watt load rating at 120-150 VAC
- Resistance selector switch set, selects individual or resistor combinations
- Fixed resistors, 100 Ohm (2)
- Fixed resistor, 175 Ohm
- Fixed resistor, 350 Ohm
- Fixed resistor, 750 Ohm
- Variable resistor, 1000-3500 Ohm Range

Inductive Load Unit
- Steel enclosure
- 250 VAR load rating at 120-150 VAC
- Resistance selector switch set, selects individual or resistor combinations
- Inductors, 0.4 Henry (2)
- Inductor, 0.8 Henry
- Inductor, 1.6 Henry
- Inductor, 3.2 Henry
- Inductor, 6.4 Henry

B876 Student Learning Activity Packets

Required Items
85-MT2 Electric Machines Learning System
Oscilloscope

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