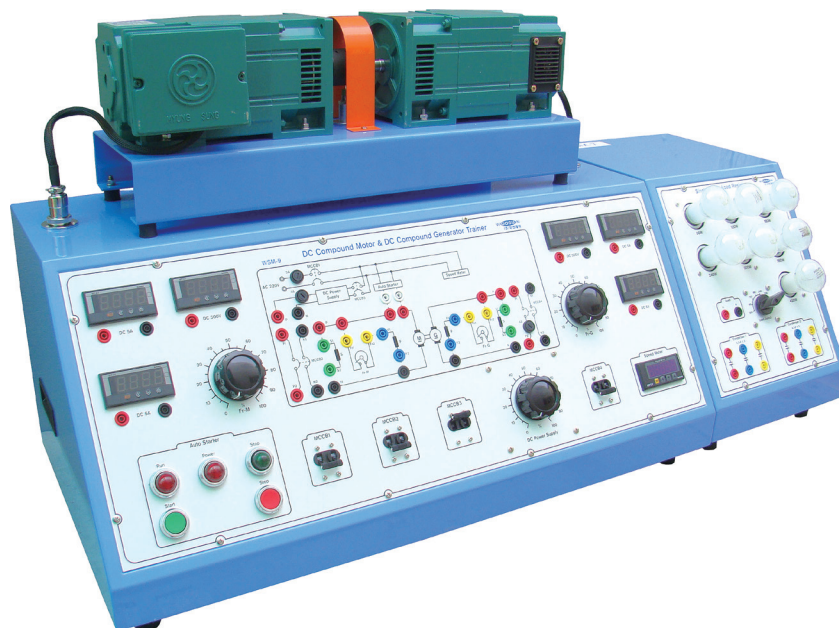


# WSM-9

## DC Compound Motor & DC Compound Generator Trainer



### Experiment

- The construction of DC motor and winding resistance measurement.
- Starting method of shunt motor and speed control.
- Non-load & Load characteristic experiment of shunt generator.
- Load characteristic experiment of the compound generator.
- Load characteristic experiment of shunt & compound & series motor.
- Efficiency measurement of shunt motor by loss separation method.
- Forward / reverse operation method of DC motor.

### Specification

#### ■ Main Controller

- Main Voltage : 1 Phase 220~240V / 50/60Hz
- Switch(MCCB)
- Starter Block
- DC Power Supply
- Field Resist
- DC Voltmeter
- DC Amperemeter
- Digital Speed meter

#### ■ Electric Machine

- DC Compound Motor
  - Input Voltage : DC 200V
  - Output : 360W(1/2Hp)
  - Pole Number : 2 Pole
  - Continuous rating : 1500 / 1800rpm
- DC Compound Generator
  - Input Voltage : DC 200V
  - Output : 360W(1/2Hp)
  - Pole Number : 2 Pole
  - Continuous rating : 1500 / 1800rpm

#### ■ Load Resistor

- Capacity : 0 ~ 420W

### Accessory

- Experiment Manual : 1 Copy
- Test Lead (Banana Plug) : 1Unit
- Power Cable : 1EA
- Dust Cover : 1Set

### Option

- DC Power Supply : 1EA
- 0 ~ 30V