

WSM-19

DC Shunt Motor & DC Shunt Generator Trainer



Experiment

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

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

01

02

03

04