

# WST-S03

## Basic Electricity Circuit Trainer



01

02

03

04

### Experiment

- Flow of Current / Ohm's Law / Resistance and temperature
- Series connection of resistors / Parallel connection of resistors
- Series and parallel connection of resistors / Voltage Drop
- Wheat-stone Bridge using Voltmeter / R, L, C Circuit
- Half-Wave Rectification / Bridge Rectification
- Voltage-Multiplying Rectification / Center-tap Transformer Type Rectifier Circuit

### Specification

- Main Voltage : 1 Phase 220V ~ 240V / 50/60Hz
- AC / DC Power Supply
  - AC : 0 ~ 30V / DC : 0 ~ 30V
  - Variable Resistor
    - 10Ω / 10W
  - AC Ampere Meter
  - DC Volt Meter
- AC Volt Meter
- DC Volt Meter
- Combination Block
- Plug Type Device ( Resistor / Condenser / Diode / Coil / Bulb / Switch )
  - WB-100-01 Bulb
  - WB-100-03 Resistor
  - WB-100-05 Resistor
  - WB-100-07 Resistor
  - WB-100-10 Resistor
  - WB-100-13 Resistor
  - WB-100-18 Condenser
  - WB-100-20 Condenser
  - WB-100-23 Coil
  - WB-100-25 Switch
  - WB-100-02 Resistor
  - WB-100-04 Resistor
  - WB-100-06 Resistor
  - WB-100-08 Resistor
  - WB-100-11 Resistor
  - WB-100-17 Condenser
  - WB-100-19 Condenser
  - WB-100-22 Diode
  - WB-100-24 Coil

### Accessory

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

### Option

- Oscilloscope : 1EA
- Function Generator : 1EA