

WST-23

Power Electronics Trainer

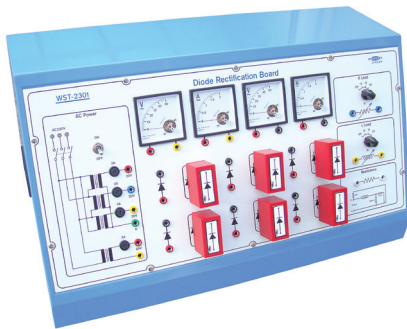
Introduction

- This trainer is a power electronics trainer and they consist of 10 kind of experiment board.
- They has different item from a diode rectification to PWM inverter.
- Each board has a gate circuit and load.
- 10 experiment boards can be used individually.

Experiment

- Diode rectification
- 1 & 3 phase phase control rectification
- 1 & 3 phase AC control
- The switching circuit by SCR
- DC power control (Chopper)
- 1 & 3 phase inverter circuit
- 1 phase cyclo-converter circuit

Specification



■ WST-2301 Diode Rectification Board

- Main Voltage
 - 1 Phase 220 ~ 240 / 50 / 60Hz
- Diode Plug Device
- Resistor & Inductance Load
- Voltage & Ampere Meter

■ WST-2302 1 Phase Control Board

- Main Voltage
 - 1 Phase 220 ~ 240 / 50 / 60Hz
- Gate Circuit
- Thyristor Plug Device
- Resistor & Inductance Load
- DC Motor
- Voltage & Ampere & Speed Meter



■ WST-2303

Three Phase Control Board

- Main Voltage
 - 3 Phase 220V / 50 / 60Hz (380V / 415V - Selective)
- Gate Circuit
- Thyristor Plug Device
- Resistor & Inductance Load
- DC Motor
- Voltage & Ampere & Speed Meter

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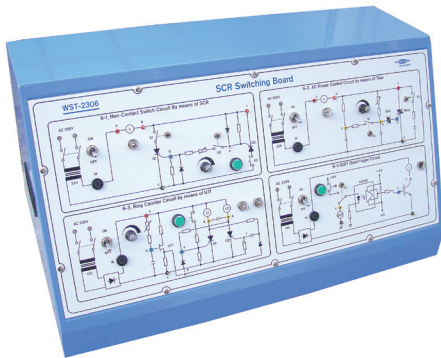
WST-23

Power Electronics Trainer



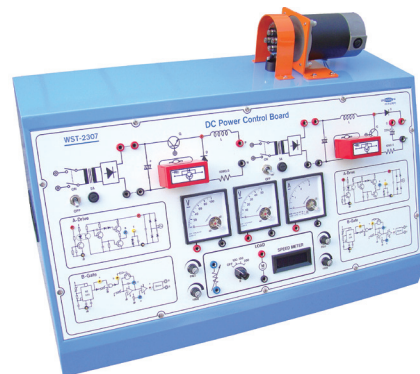
- WST-2304
Single Phase AC Control Board
 - Main Voltage
 - 1 Phase 220 ~ 240 / 50 / 60Hz
 - Gate Circuit
 - Thyristor Plug Device
 - Resistor & Inductance Load
 - 1 Phase Induction Motor
 - Voltage & Ampere & Speed Meter

- WST-2305
Three Phase AC Control Board
 - Main Voltage
 - 3 Phase 220V / 50 / 60Hz (380V / 415V - Selective)
 - Gate Circuit
 - Thyristor Plug Device
 - Lamp Load
 - 3 Phase Induction Motor
 - Voltage & Ampere & Speed Meter



- WST-2306
SCR Switching Board
 - Main Voltage
 - 1 Phase 220 ~ 240 / 50 / 60Hz
 - SCR Switching Circuit
 - Triac AC Power Control Circuit
 - UJT Ring Counter Circuit
 - IGBT Characteristic Circuit

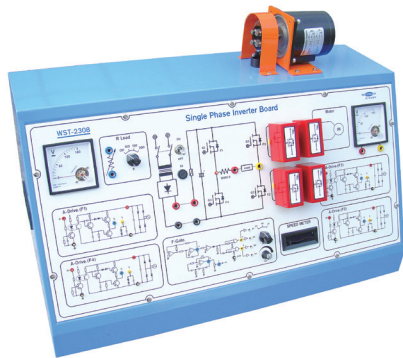
- WST-2307
DC Power Control Board
 - Main Voltage
 - 1 Phase 220 ~ 240 / 50 / 60Hz
 - Gate Circuit
 - Resistor Load
 - DC Motor
 - Voltage & Speed Meter



* Product's design and appearance can be changed without any notice.

WST-23

Power Electronics Trainer



- WST-2308
Single Phase Inverter Board
 - Main Voltage
 - 1 Phase 220 ~ 240 / 50 / 60Hz
 - Gate Circuit
 - Transistor Plug Device
 - Resistor Load
 - 1 Phase Induction Motor
 - Voltage & Ampere & Speed Meter

- WST-2309
Three Phase Inverter Board
 - Main Voltage
 - 3 Phase 220V / 50 / 60Hz (380V / 415V - Selective)
 - Gate Circuit
 - Thyristor Plug Device
 - Resistor Load
 - 3 Phase Induction Motor
 - Voltage & Ampere & Speed Meter



- WST-2310
Single Phase Cyclo Converter Board
 - Main Voltage
 - 1 Phase 220 ~ 240 / 50 / 60Hz
 - Gate Circuit
 - Thyristor Plug Device
 - Resistor Load
 - 1 Phase Induction Motor
 - Voltage & Speed Meter

Accessory

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

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