

**Product Name :**  
Power Electronics Test Bench**Product Code :**  
POWE0002**Description :**

Power Electronics Test Bench

**Technical Specification :**

Supply and Single Phase Low Voltage Power Supply  
Half Wave Uncontrolled Rectifier on Lamp Load & Motor Load  
Half Wave Uncontrolled Rectifier on Motor Load with Freewheeling Diode  
Full Wave Uncontrolled Rectifier on Lamp Load & Motor Load  
Full Wave Uncontrolled Rectifier on Motor Load with Freewheeling Diode  
Bridge Uncontrolled Rectifier on Lamp Load & Motor Load  
Bridge Uncontrolled Rectifier on Motor Load with Freewheeling Diode  
Ramp and Comparator Firing Circuit  
Half Wave Controlled Rectifier on Lamp Load & Motor Load  
Half Wave Controlled Rectifier on Motor Load with Freewheeling Diode  
Full Wave Controlled Rectifier on Lamp Load & Motor Load  
Full Wave Controlled Rectifier on Motor Load with Freewheeling Diode  
Bridge Controlled Rectifier on Lamp Load & Motor Load  
Bridge Controlled Rectifier on Motor Load with Freewheeling Diode  
Semi-converter common cathode configuration on Lamp Load  
Semi-converter common cathode configuration Rectifier on Motor Load  
Semi-converter common cathode configuration Rectifier on Motor Load with Freewheeling Diode  
Semi-converter common anode configuration on Lamp Load Bridge  
Semi-converter common anode configuration Rectifier on Motor Load Bridge  
Semi-converter common anode configuration Rectifier on Motor Load with Freewheeling Diode

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Semi-converter asymmetrical configuration on Lamp Load  
Semi-converter asymmetrical configuration Rectifier on Motor Load  
Semi-converter asymmetrical configuration Rectifier on Motor Load with Freewheeling Diode  
Semi-converter asymmetrical half wave control configuration on Lamp Load  
Semi-converter asymmetrical half wave control configuration Rectifier on Motor Load  
Semi-converter asymmetrical half wave control configuration Rectifier on Motor Load with Freewheeling Diode  
AC voltage on off control on Lamp Load & Motor Load  
Half Wave AC voltage controller on Lamp Load & Motor Load  
Full Wave AC voltage controller on Lamp Load & Motor Load  
Cycloconverter on Lamp Load & Motor Load  
Study of PWM Circuit  
Study of Cycloconverter Firing Circuit  
Study of Three Phase Supply and Three Phase Low Voltage Power Supply  
Half Wave Uncontrolled Rectifier common cathode configuration on Lamp Load & Motor Load  
Half Wave Uncontrolled Rectifier common cathode configuration on Motor Load with Freewheeling Diode  
Half Wave Uncontrolled Rectifier common anode configuration on Lamp Load & Motor Load  
Half Wave Uncontrolled Rectifier common anode configuration on Motor Load with Freewheeling Diode  
Bridge Rectifier on Heater Load Firing Circuit  
Half Wave Controlled Rectifier common cathode configuration on Lamp Load & Motor Load  
Half Wave Controlled Rectifier common cathode configuration on Motor Load with Freewheeling Diode  
Semi-converter on Heater Load  
Half Wave AC Voltage Controller on Lamp Load & Motor Load  
Full Wave AC Voltage Controller on Lamp Load & Motor Load

 **LAB ENGINEERING**

**Elab Engineering Equipments Manufacturers**