

Product Name :
Thyristor and Diode Converters**Product Code :**
ELPS0007ALTEC™**Description :**

Thyristor and Diode Converters

Technical Specification :

- The control panel has clear mimic diagrams with shrouded sockets.
- Students use shrouded leads to connect the different parts of the circuits.
- The parts include thyristors, diodes, inductors, transformers and smoothing capacitors.
- A load inductor shows the effect of inductance when smoothing the AC ripple in rectifier circuits.
- Fast-blow fuses on the control panel protect the load side of experiment circuits.
- The multi-tapped transformers give a choice of single and three-phase AC voltages for connection to the diodes and thyristors.
- A mix of standard analogue meters and a multi-function digital meter measure the currents and voltages in the circuits.
- A centre-tapped interphase transformer shows the effect of reducing circulating currents in rectifier circuits.
- Students use controls on the lower panel to adjust AC supply voltage and ballast resistance during experiments.

- For thyristor experiments, students can select an external or internal source to trigger the gates of the thyristors.
- Transducers allow students to connect an oscilloscope (included) to show and compare the gate pulses with the output wave-forms.



Equipments Exporters

Website: www.equipmentsexporters.com, **Email:** sales@equipmentsexporters.com

Address: 75, Lajpat Nagar-IV, New Delhi-110024 **Phone:** +91-9311469084