



It is a platform which is very useful for Students to understand the concept of TRIAC firing method & working of speed control of motor using TRIAC by two different firing circuits methods. It contains inbuilt power isolation circuit to observe high voltage output signal on any Oscilloscope. This platform is provided with inbuilt AC/DC power supplies & exhaustive learning material.

Key Features

- Built in AC/DC Power Supply
- On board two firing circuits
- Firing angle control: 0 to 180 degree
- Isolation between SCR power circuit and firing circuit
- To study speed control of
 - AC Motor using DIAC Triac firing scheme.
 - AC Motor using Ramp & pedestal firing scheme.

Technical Specifications

- **On board firing circuits :**
- DIAC firing circuit
- Ramp & Pedestal firing circuit
- Pulse transformer : PT4502, 1:1
- Mains Supply : 220V/110V, 50 Hz / 60 Hz
- Universal motor specifications : Single Phase-1 / 8 Hp
- Dimensions (mm) : W 420 x D 255 x H 100
- Weight : 1 Kg. (approximately)
- Operating Conditions : 0-40 C, 85% RH
- **Included Accessories**
 - BNC – BNC cable-1 no.
 - Mains cord-1 no.
 - AC Motor-1 no

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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