

Product Name :
FHP INDUCTION MOTOR CONTROLLER USING ANTIPARALLEL THYRISTOR

Product Code :
DriveLab-0002



Description :

FHP INDUCTION MOTOR CONTROLLER USING ANTIPARALLEL THYRISTOR

Technical Specification :

- 10:1 Potential Divider for CRO
- 0.5 HP Induction Motor As Inductive Load
- Front panel built with high class insulated Printed Circuit Board sheet with well printed circuits and symbols.
- Instruction manual.
- Patch Cords 2mm and 4mm Both.
- High Voltage Test Points are Provided With 4mm Safety Sockets
- The trainer is housed in Metal cabinet.

Size of the trainer set 15"x11"

-SCOPE OF LEARNING:

Speed Control of FHP Induction Motor Using Antiparallel SCR and AC Phase Control Method.

-TECHNICAL SPECIFICATIONS:

-Power Supplies:

Power Supply +15Vat 150mA

Isolated Supply 0-220V AT 2A.

Operated on Mains power 230V, 50Hz +10%

Digital Meters:

Voltmeter 2000V AC

Ammeter 2A AC

Components placed on the panel are:

SCR TYN604

AC Phase Control by Gate Control Firing Circuit.

Snubber Circuit.

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