

Product Name :
Power Electronic Trainer

Product Code :
Instrumentation0011

Description :

Power Electronic Trainer

Technical Specification :

Power Electronic Trainer

- Input voltage : AC 220V
- Output load : Resistance load (10W 100?)
- Diode : 600V 10A

3 phase Half wave / Full wave rectification circuit :

- Input voltage : AC 3 phase 380V
- Output load : 10W 100?
- Diode : 600V 10A

1 phase Half wave / Full wave phase control circuit :

- Input voltage : AC 1 phase 220V
- Output load : 10W 100?
- SCR module : 1000V 10A
- Drive IC : SCR gate trigger circuit

3 phase Half wave / Full wave phase control circuit :

- Input voltage : AC 3 phase 380V
- Output load : 10W 100?
- SCR module : 1000V 10A
- Drive IC : SCR gate trigger circuit

Sensible circuit by IGBT :

- Input voltage : AC 1 phase 220V
- Output load : 10W 100?
- GBT : 1000V 25A
- Drive IC : IGBT gate trigger circuit

Circuit by IGBT :

- Input voltage : AC 1 phase 220V
- Output load : 10W 100?
- GBT : 1000V 25A
- Drive IC : IGBT gate trigger circuit

PWM Inverter circuit by IGBT :

- Input voltage : AC 1 phase 220V
- Output load : 10W 100?
- GBT : 1000V 25A
- Drive IC : IGBT gate trigger circuit

Square wave voltage type inverter circuit by SCR :

- Input voltage : AC 1 phase 220V
- Output load : 10W 100?
- GBT : 1000V 10A

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- Drive IC : SCR gate trigger circuit

Single – Single cyclotron converter circuit by SCR :

- Input voltage : AC 1 phase 220V
- Output load : 10W 100?
- GBT : 1000V 25A
- Drive IC : SCR gate trigger circuit

1 Phase AC power control circuit by SCR :

- Input voltage : AC 1 phase 220V
- Output load : 10W 100?
- SCR : 1000V, 10A

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