



Note Shown image is just for illustration original may differ

Features

- Complete system to study the fundamentals of Solar Simulation
- Digital Display for voltage and current measurement
- Quartz Halogen Lamp as a Light source Programmable Temperature Controller Heater for heating test of solar cell
- Variable Intensity available for testing

Technical Specifications

| | | |
|-----------------------------|---|----------------------------------|
| Supply Voltage | : | 220V AC, 50Hz |
| Solar Cell | | |
| Open Circuit Voltage (Voc) | : | 1.8 to 2V DC (approx.) |
| Short Circuit Current (Isc) | : | min 150mA (approx.) |
| Quartz Halogen lamp | : | 220V, 50Watt |
| Voltmeter | : | 0-20V |
| Ammeter | : | 0-2000mA |
| Intensity Control | : | Variable (In five steps) |
| Temperature Controller | : | up to 99°C |
| Heater | : | 25 Watt |
| Load Resistance | : | 0-100 Ω 10 turn 0-10 Ω 1 turn |
| Fuse | : | 1Amp |