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**Product Name :**  
Solar Photovoltaic Trainer

**Product Code :**  
LBNY-0005-1890001



[www.laboratoryinstrumentindia.com](http://www.laboratoryinstrumentindia.com)

#### **Description :**

Solar Photovoltaic Trainer can operate either indoors or outdoors. Solar energy can be simulated by lights, which can be varied in intensity to show the student the electrical output variation. Solar Photovoltaic Trainer the advanced level program utilizes a new design, which allows more activities for the student in analyzing the effect of azimuth and zenith angles on the power output. The electric power is measured by an ammeter and voltmeter mounted on the chassis.

The trainer has two solar panels mounted on a swivel so that optimal sunlight can be captured and allows the students to measure the azimuth and zenith angles of incident. Also offers a similar model that is mounted on a flat classic series board. Solar Photovoltaic Trainer can operate in and out of the classroom and also comes equipped with a DC to AC inverter to apply outside loads.

#### **Technical Specification :**

The trainer includes:

Load Select Switch

Load Adjust Dial

Solar Cell Panel

Fan Motor

DC Ammeter

DC Voltmeter (visual style with LEDs)

Output Terminals

Positive (+) and Negative (-) Terminals

Adjustable Tripod for Lamp.



**Laboratory Instrument India**