



Email : sales@laboratoryinstrumentindia.com

Product Name :
Photovoltaic And Thermal Panels

Product Code :
LBNY-0005-18400028



Description :

The Personal Computer constantly keeps under control the simulation in progress and displays its behavior through analog and digital signals and meters; in this way the student, through measurements and tests, can go on with the troubleshooting. It is possible to simulate the behaviour of components and systems, on the basis of the operating conditions which can be monitored directly on the panel or through Personal Computer by teacher and students.

Technical Specification :

The experimentation on the photovoltaic systems is organized as follows:
Possibility to change the electrical load of the above mentioned photovoltaic systems
Detection of the characteristic voltage power, supplied by the photovoltaic systems, as a function of solar radiation intensity and cells temperature
Detection of the characteristic voltage current supplied by the photovoltaic systems, as a function of solar radiation intensity and cells temperature
Possibility to simulate several values of the solar radiation intensity
Possibility to simulate several values of the photovoltaic cells temperature
Evaluation of the conversion efficiency of the photovoltaic systems.

Laboratory Instrument India

