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Product Name :
Solar Wind Fuel Cells Energy Trainer

Product Code :
LBNY-0005-18400017



Description :

Complete with connecting cables, experiment manual, interface to PC and software for data acquisition and display. Solar Wind Fuel Cells Energy Trainer has been designed for the study of renewable energies: solar energy, wind energy and hydrogen fuel cell systems.

Training Objectives:

- Determining characteristic curve of solar panel
- Hydrogen/oxygen or hydrogen/air operation
- Assembling a fuel cell
- Determining electrolyser efficiency
- Learning about Faradays laws
- Determining characteristic curves of fuel cell
- Producing and storing hydrogen
- Determining decomposition voltage of water
- Building a model hydrogen car
- Using methanol to generate electricity
- Determining characteristic curve of electrolyser
- Determining fuel cell efficiency
- Voltage and current in a series connection of solar panels
- Voltage and current in a parallel connection of solar panels
- Determining characteristic curves of DMFC
- Influence of the surface of a solar module on voltage and current intensity of a solar module.

Technical Specification :

Solar Wind Fuel Cells Energy Trainer



Laboratory Instrument India