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**Product Name :**  
Introductory Alternate Energies Center

**Product Code :**  
LBNY-0005-1890009



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

**Description :**

The energy center provides a closed loop water supply for the hydro generator with a high pressure water pump installed on the bench. The instrument module enables the student to conduct many experiments on the units. Introductory Alternate Energies Center program is intended to provide a complete package of trainers which demonstrate electric power generation and thermal dynamic applications from alternate energy sources. Also, the student conducts many activities with several energy conversion devices , as follows:

Solar Electric Car and Photovoltaic Trainer  
Solar Stirling Engine  
Hydro Power Generation  
Workstation  
Wind Power Generation  
Solar Thermal Trainer.

**Technical Specification :**

**Courseware:**

The student manuals includes a self-paced, self-guided activities. Each manual has objectives, directions, information sheets, pre/post tests and worksheets. The courseware provides invaluable information on the availability of alternate energy sources, methods of producing power, transmitting, storing, and careers in the field. The entire system can be purchased pre-assembled, including all hardware and courseware, or each unit can be purchased separately.



**Laboratory Instrument India**