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**Product Name :**  
Solar Thermal Installation Learning System

**Product Code :**  
LBNY-0005-1930003



#### **Description :**

The Solar Thermal Installation Learning System teaches students the installation and commissioning of closed loop and open loop solar thermal systems for commercial and residential applications. The demand for qualified Solar Technicians is rising, as more consumers and businesses apply solar energy in their communities. Students will learn how to install systems by selecting, preparing, mounting and connecting solar thermal components using copper tubing, PVC piping, and electrical wiring. Students will create and commission complete working systems, just as they would do on the job.

Installation Skills Practice the Solar Thermal Installation Learning System provides a platform where students install real world systems using components commonly found in commercial and residential environments. Students select materials, solder and cut copper tubing, cut and glue PVC pipe, and run wire to assemble working systems, just as they would do on the job.

The Solar Thermal Installation Learning System includes a mobile workstation with solar thermal components, solar thermal collectors, PC-based interactive, multimedia student curriculum, and teachers guide. The mobile workstation is equipped with shadow boards for component storage, a benchtop worksurface and vise for tubing preparation, and mounting surface for assembly of solar thermal systems.

#### **Features:**

Efficient, Effective, and Safe Training  
Installation Skills Practice  
Multi System Capabilities.

#### **Technical Specification :**

#### **Requirements:**

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Solar Thermal Charging Station  
Solar Thermal Sun Simulator  
Gas Torch  
Hand Tool Package  
Consumables Package.



**Laboratory Instrument India**