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**Product Name :**  
Thermal Science Learning System

**Product Code :**  
LBNY-0005-12500028



#### **Description :**

This tabletop learning system showcases a full range of components, such as a fire syringe, a vacuum hand pump, bi-metallic ball and ring, and many more on a vertical panel for easy access and inventory. Thermal Science Learning System provides learners with the knowledge and equipment needed to comprehend the principles of modern thermal systems, such as HVAC, geothermal, refrigeration, and steam systems. These components are used in various combinations to conduct experiments that show learners physical examples of thermal concepts and build foundational knowledge that they can use in real-world applications. As learners progress through the curriculum, they will perform experiments demonstrating principles such as the ideal gas law, linear and volumetric thermal expansion, basic temperature measurement, latent and sensible heat, specific heat capacity, conduction, convection, radiation, evaporative cooling, and basic refrigeration.

#### **Technical Specification :**

##### **Features:**

- Heavy-duty, welded steel construction
- Multimedia Curriculum Available
- Provides the fundamental thermal skills
- Student Reference Guide
- Make calculations to predict system performance.

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# Laboratory Instrument India

