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**Product Name :**  
Plastics Technology 1 Learning System

**Product Code :**  
LBNY-0005-1310004



#### **Description :**

The Plastics Technology 1 Learning System includes a temperature control system, 4 oz. shot material feed system with electro-pneumatic control, dual heater system, barrel and nozzle, safety enclosure, heavy-duty workstation, 8 ton clamping system, mold offset plates, set of injection starter molds, interactive curriculum for both theory and lab, and a teachers assessment guide.

Plastics Technology 1 Learning System is designed to teach modern technical skills in plastics and polymer science using injection molding. Understanding how to work with plastics is an important technical skill for engineers, technicians, and operators. They impact virtually every aspect of modern industry.

Learners will practice skills such as setting the temperature and pressure for a molding operation, troubleshooting molding operations, mounting and aligning molds, operating an injection molding machine, determining the runner and sprue diameter for a specific plastics mold, designing a plastics part and mold based on shrinkage and warpage considerations, using CAD/CAM with mold design, and multi-cavity mold design and operation.

#### **Features:**

Plastics Product Design  
Plastics Problem Solving  
Industrial Quality Plastics Machine  
Written and Multimedia Style Curriculum.

#### **Technical Specification :**

Plastics Technology 1 Learning System



**Laboratory Instrument India**