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**Product Name :**  
Tank Level Flow Trainer With PLC

**Product Code :**  
LBNY-0005-1060005



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#### **Description :**

This Trainer includes see-through operating vessels and selected piping. One vessel has discrete level control, the other analog. The Tank Level Flow Trainer with PLC is a combination of working vessels and pumps, with interconnecting piping that is controlled by a Programmable Logic Controller (PLC).

#### **Function of Tank Level Flow Trainer with PLC**

Tank Level Flow Trainer with PLC process trainer pumps water from a storage tank into the first working tank which is fitted with level switches. The second tank has an inner air tank which can be selected to change the response characteristics of the process. Note that with this trainer are a number of student modules for instrumentation training in addition to operator training modules. Two parallel pumps, controlled by the PLC, transfer fluid from the first tank to the second where level is measured by analog instruments. Return flow from the second tank to the storage tank is by gravity and the discharge valve is controlled by the PLC.

#### **Technical Specification :**

Complete unit mounted on a utility size cart for ease of movement and storage  
Clear plastic process pipe  
Clear plastic working vessels  
Control panel with PLC, computer interface and indicator lights  
Three centrifugal pumps  
Water storage tank  
Approximate overall dimensions 120 x 60 x 180 cm  
Available in all world voltages frequencies.



**Laboratory Instrument India**