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**Product Name :**  
Binary Distillation Trainer With DCS Control

**Product Code :**  
LBNY-0005-10600013



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#### **Description :**

Distillation and fractionation operations are found throughout the petroleum, petrochemical and numerous other industries. Binary Distillation Trainer with DCS Control trainer separates a methanol water mixture in a see-through, bubble cap tray column. The separation of liquid mixtures and recovery of the components typically involves the distillation process. The entire trainer is controlled from an optional distributed control system or control panel. The Binary Distillation Trainer with DCS Control trainer is equipped with industry-typical process measurement and control devices.

Process of Binary Distillation Trainer with DCS Control  
Liquids are recycled to the feed tank for continuous operation  
Working fluids methanol and water  
Continuous variable flow

#### **Technical Specification :**

Stainless steel feed storage tank and two glass product receivers  
Electronic process measurement and distributed control system with 5 control loops  
Glass distillation column with nine bubble-cap trays  
Glass reflux accumulator  
Three heat exchangers, brazed SS plate type  
Three centrifugal pumps  
All other process equipment made of stainless steel  
Reboiler with optional electric or steam heat 30kW capacity.



**Laboratory Instrument India**