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**Product Name :**  
Condenser Steam Bench

**Product Code :**  
LBNY-0005-16300010



#### **Description :**

The steam bench includes a water-cooled multi-tube condenser; a steam feed line to supply a regulated supply of steam at reduced pressure and a condensate tank complete with a sight glass. Cooling water flow rate is metered in the supply line and regulated by a control valve in the drain line. Steam Bench Consists of a sturdy framework and panels of all steel construction, fitted with a student work surface, interconnecting back panel and adjustable feet. Bourdon type pressure gauges are provided from pressure indications and thermocouples are used to measure temperature, which may be individually selected for display on an analogue temperature meter.

#### **Features:**

- Compact modular design
- Easy Installation
- Comprehensive instrumentation
- Low capital cost
- Pressure test certificates supplied for major components engine
- Utilises industrial standard horizontal shell and tube type condenser.

#### **Technical Specification :**

#### **Experimental Capability:**

To demonstrate that condensing steam is a closed system will produce a vacuum.  
To investigate the overall heat transfer coefficient of a condenser under conditions of inlet and outlet pressure, and rate of cooling flow.



**Laboratory Instrument India**