

## Separating & Throttling Calorimeter



**Product Categories:** [Engineering Equipment](#), [Thermo Dynamic Lab](#)

**Product Page:**

<https://www.labappara.com/product/separating-throttling-calorimeter/>

### Product Description

#### Separating & Throttling Calorimeter

Separating and Throttling 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. The steam bench includes an insulated separating calorimeter, equipped with a water level sight glass, connected via fixed orifice to a lagged throttling calorimeter which exhausts to a water cooled steam condenser. A manometer is provided for measuring the pressure inside the throttling calorimeter and thermo-couples are provided for measuring steam supply and temperatures which may be individually selected for display on an analogue temperature meter.

#### **TECHNICAL DETAILS :**

Separating Chamber : Compatible capacity made of Stainless Steel insulated with Ceramic Wool with water level indicator.

Throttling Chamber : Compatible capacity provided with gauge to measure inlet Pressure before throttling

Heat Exchanger : For condensing steam after throttling chamber

Steam Generator Compatible capacity with digital temperature controller

Flow Measurement : By Flow Sensor.Differential Pressure : By Differential Pressure  
Transmitter.

Steam Pressure : Pressure Transmitter.

Measurement

Temperature Sensor : Temperature Sensors with Transmitter