



#### Features

- Compact, comprehensive, sturdy design.
- Entire assembly made of corrosion resistant metals.
- User-friendly operation.

Tesca Junker's Type Gas Calorimeter consists of chiefly the calorimeter with burner on a tripod stand, gas flow meter (non recording type) and pressure governor. The Calorimeter mainly consists of gas combustion chamber, heat exchanger and water flow system. Heat exchanger is fabricated out of heavily tinned copper sheet. Two thermometers are provided in the water inlet and outlet ports.

The exhaust gas outlet is fitted with a thermometer to measure the temperature of exhaust gases. The water vapors from the burnt gas are condensed and collected from bottom of the calorimeter. The calorimeter is provided with Pressure Governor which maintains gas supply at constant pressure & Gas flow meter to measure Gas flow rate.

#### Experiment Capabilities:

- To determine Calorific Value of gaseous fuel.

#### System Components:

- Calorimeter Assembly
- Pressure Governor (Regulator)
- Gas flow meter
- Set of thermometers
- Measuring Jar for water flow measurement
- Temperature sensor & Digital indicator for water temperature measurement (Optional).

#### Optional Accessories:

- Set of transparencies & Charts.

#### Required Services:

- Tap Water supply & drainage

Note: Specifications are subject to change.

#### **Tesca Technologies Pvt. Ltd.**

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,  
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,  
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com  
Website: www.tescaglobal.com