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**Product Name :**  
Bomb Calorimeter Apparatus

**Product Code :**  
LBNY-0005-1660002



#### **Description :**

It comprises the calorimeter, a calorimeter vessel, an outer double walled water vessel, electric stirrer gear, combined motor control gear and ignition unit, a Beckman type thermometer, and a charging unit with pressure gauges to facilitate the charging of the calorimeter with oxygen. The equipment is self-contained with the control unit housed in an instrument case that forms the base. A Briquetting Press is available as an optional extra and an additional calorimeter can also be supplied. No spanners are required and in use the rubber joint is protected by water so it may be used over and over again. The particular features of the calorimeter are the method of sealing and the method of ensuring ignition. The body of the calorimeter is screwed into the base and a seal is made with a special rubber joint when the two parts are finger-tight only. In order to make ignition 100% sure, great care has been devoted to the method of anchoring the ignition wire and maintaining electrical contact and to the support of the crucible. All these parts are made to a high degree of precision and the results are very satisfactory.

#### **Technical Specification :**

Calorimeter for testing calorific value of fuels including calorimeter vessel, double walled outer vessel, electric stirrer gear, Beckman thermometer, two vitreosil and one nickel crucibles, ignition control unit, reel of Nichrome wire and Charging Unit furnished with pressure gauges.

#### **Required Accessories:**

Replacement Calorimeter for use as a spare  
Beckman Thermometer for use as a spare  
Briquetting Press for use with solid fuels.



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