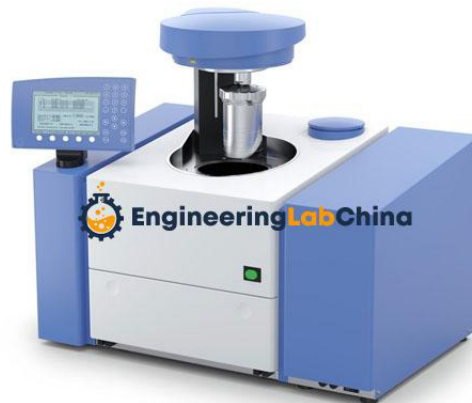


**Product Name :**  
Bomb Calorimeter

**Product Code :**  
CHINAELABC2510005



**Description :**

Bomb Calorimeter

**Technical Specification :**

The following tasks are Automated with the Microprocessor Bomb Calorimeter with Software:  
Automatic feeding of Calorific values of ignition wire and cotton thread  
Automatic firing in the bomb  
Automatic saving of Heat Capacity of Bomb Calorimeter and Calorific Values in summary format  
Automatic delivery of result data in report format  
Automatic detection of maximum rise of temperature  
Automatic calculation of Heat Capacity of Bomb Calorimeter (Equivalent Value)  
Automatic calculation of Calorific Value of samples

The Digital Differential Temperature/Firing Unit with Electronic Timer Features:

Temperature Indication: 3.5 Digit digital display  
Differential Temperature range: 0 – 100 C  
Firing Voltage for Bomb: 12 VAC  
LED Indication for filament continuity  
LED Indication for Bomb Combustion  
Reading Resolution of temperature: 0.001° C

Bomb Calorimeter is supplied with the following items:

Combustion Bomb  
Cotton Reel  
Calorimeter Vessel

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Stand for Bomb Lid  
Gelatine Capsules – 50 nos.  
Connecting tube for Oxygen Cylinder  
Gas Release Valve  
Adjustable Spanner  
O – Rings for Bomb and Stirrer  
Nichrome Ignition Wire (20 M. 36 SWG)  
Combined Lid  
Hook for lifting Bomb  
Stirrer  
Crucible – 2 nos.  
Connecting Leads  
Valve for Bomb  
Valve Key  
Pellet Press  
Benzoic Acid – 10 Tablets  
Instruction Manual  
Insulated Calorimeter Jacket  
Battery Backup (UPS)  
Leads to connect Microprocessor unit to PC  
Computer with Printer (Optional)  
Platinum Wire (Optional)  
Semi Auto Gas Filling Device (Optional)



**Engineering Lab China**