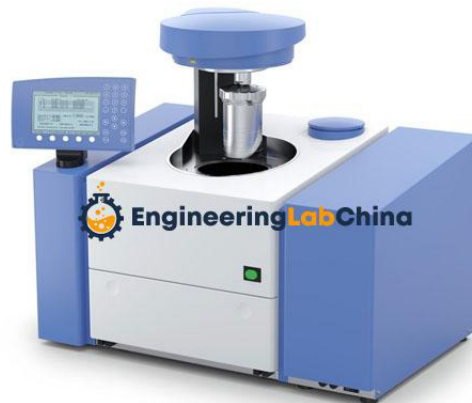


Product Name :
Bomb Calorimeter

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

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)



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