



KLABS KABC-1000 Automatic Bomb Calorimeter



Product Description

KLABS KABC-1000 Automatic Bomb Calorimeter is a precision instrument designed for determination of calorific value of solid and liquid fuels. The system features automatic temperature rise and fall detection, mathematical calculations, USB connectivity, built-in thermal printer and high-resolution temperature measurement for accurate and reliable calorific value analysis.

Features

- Automatic Measurement with 8 Mathematical Calculations
- USB Interface for Data Transfer to PC
- Built-in Thermal Printer for Instant Reports
- Automatic Temperature Rise & Fall Detection
- Sample Weight, Water Equivalent and Sensitivity Entry through Keypad
- High Accuracy and Stable Performance
- Graphical LCD Display
- User Friendly Operation
- Real Time Clock with Battery Backup
- Internal Data Storage Facility

Application/Uses

- Coal Testing Laboratories
- Fuel Analysis Laboratories
- Cement Industries
- Thermal Power Plants
- Petroleum Testing Laboratories
- Research & Development Centers
- Educational Institutions
- Quality Control Laboratories

ACCURATE
& STABLE

LED DISPLAY

ACCURATE
TEMPERATUREEASY
OPERATIONSTABLE
DESIGN

Technical Specifications

Parameter	Details
Product Name	Automatic Bomb Calorimeter
Model Number	KABC-1000
Display	128 × 64 Graphical LCD
Keypad	20 Keys
Temperature Resolution	0.001°C
Internal Memory	1000 Logs with Date and Time
Interface	USB Interface to PC
Printer	Inbuilt Thermal Printer
Time Clock	Real Time Clock with Battery Backup
Power Supply	230V ±10%, 50 Hz

Standard Accessories

- Cotton Thread
- Safety Valve for High Pressure
- Oxygen Pressure Gauge
- Benzoic Acid Powder
- Tool Kit
- Operation Manual
- Power Supply Cable (Mains Lead)
- Steel Drum
- Bomb with Sample Holder
- Stirrer
- Temperature Probe
- Nichrome Wire
- Pellet Press