

Automatic Bomb Calorimeter LABC-A10



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Automatic Bomb Calorimeter LABC-A10 with removable cover design, automatically detects the refrigerating capacity and balance the circulation system w.r.t. last time caloric value. Need to open the lid to put the bomb inside the instrument. Equipped with advance small oxygen filling instrument with low malfunction rate.

Features

- Semi-conductor water refrigeration system
- Probe type electronic measuring cup to measure inner bucket water
- No need to measure water and adjust water temperature
- Auto stop and auto draining joints
- Use of advance USB technology
- Supports Windows system, links electronic scale, shares data via network
- CE certified

Applications

Used in coal, petroleum, cement, farming, medical research, electronics for measurement of calorific value of combustible materials.

Specifications

Model no.	LABC-A10
Calorimeter type	Isoperibol
Temperature range	5 to 40°C
Measurement range	5 to 40 MJ/ kg
Operation Mode	The outer barrel temperature is constant
Temperature resolution	0.0001°C
Precision	RSD ≤0.1 %
Testing time	8 min
Power	≤1.5 kW
Power supply	220 V, 50/60 Hz
Dimension	540 × 420 × 420 mm
Weight	45 kg

Optional Accessories

Accessories no.	Name	Unit	Qty.
01	Ignition thread (500 pieces) Box	Box	20
02	Standard Benzoic Acid (1 gm * 10 pieces)	Bottle	10
03	Gasket Ring for Oxygen Filling Facility (big, middle, small)	Set	15
04	Heating Crucible	PC	60
05	Oxygen bomb gasket ring (big, middle, small)	Set	15
06	Plastic insulation cover	Set	5
07	Special Oxygen filling pipe	PC	2
08	Electrodes	Set	1