



Technical Specifications

ZY6234-PC

Oxygen Bomb Calorimeter

Test Method	ISO 1716
Scope of Application	In a constant heat capacity oxygen bomb calorimeter, a test is conducted to determine the calorific value of building materials, including gross calorific value and net calorific value.
Calorimetric Bomb Capacity	(300±50) mL
Mass	3.25 kg
Bomb Barrel Thickness	>1/10 inner diameter
Stirrer	3W; 375 r/min
Temperature Resolution	0.0001℃
Timer	0.1s/h
Power Supply	AC 185~245V
Pressure Gauge	0.1MPa
Analytical Balance	Accuracy 0.1 mg
Ordinary Balance	Accuracy 0.1 g
Cigarette Sample Mold Dimensional Tolerances	≤± 0.15mm
Total Calorific Value (TCV)	>10 kJ/kg
Repeatability Error of Calorific Value	≤0.2%
Temperature Measurement Range	0~50℃
Ignition Circuit	12 V, 100 mA adjustable current; 0.1 mm iron ignition wire
Lenovo Brand Computer	Screen size: 18.5-inch CPU Model: AMD Sempron X2 190 CPU Frequency: 2500MHz RAM: 2GB DDR3 Hard Drive Capacity: 250GB, 7200 RPM, SATA 2 Graphics Chip: High-performance Integrated Graphics (Shared Memory)