

**Product Name :**  
High Performance Oxygen Bomb Calorimeter**Product Code :**  
ELAB-ENG-10-0010**Description :**

High Performance Oxygen Bomb Calorimeter

**Technical Specification :****High Performance Oxygen Bomb Calorimeter**

It is suitable for the determination of water-free oil products (gasoline, jet fuel, diesel oil and fuel oil, etc.) and combustible material such as coal, coke, paraffin wax content determination of calorific value. It is a high grade instrument with the advantages of automatic, efficient, safe, high precision, fast test speed and easy to use.

**Features:**

The instrument uses a single-chip control technology, color LCD display, high-precision temperature sensor and high performance A / D conversion device, consisting of a high degree of automation, screen effect is good, easy to use, convenient intelligent data compilation instrument.

The instrument is fully automated in the testing process, after the sample in place, correct input various parameters automatically without manual intervention to complete each test process; you can print measurement data directly on the A4-format printer configuration after the end of the trial.

This instrument adopts the self sealing type oxygen bomb, all the structure is made of stainless steel, and the strength is enough to withstand the pressure test of 20MPa at room temperature.

The inner tube of the instrument is made by stainless steel sheet, section of pears, put the barrel of water was 3000 grams, water cylinder with electric blender, to ensure that the inner tube water bath temperature uniformity. The instrument of the external water jacket is a double container and experiment when filled with water, through the water jacket mixer to cylinder in uniform temperature, formed to meet the test requirements of the constant temperature environment.



**Elab Engineering Equipments Manufacturers**