

Professional Building Material Fire Tester Heat Of Combustion Testing Equipment





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Product Details:

Place of Origin: China

Brand Name: YUYANG

• Certification: GB/T 14402 EN ISO 1716

Model Number: YY502

Payment & Shipping Terms:

Minimum Order Quantity: 1 set

• Price: Negotiation

Packaging Details: Plywood Box

• Delivery Time: 10-15 work days

Payment Terms: T/T L/C Western Union

• Supply Ability: 3 sets per quarter

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Building Materials and Products Fire Tester Heat of Combustion Test Apparatus

Application:

Test the heat of combustion of building materials in the oxygen bomb calorimeter with constant heat capacity.

Standard:

EN ISO 1716: Reaction to fire tests for products- Determination of the gross heat of combustion(calorific value)

GB/T 14402: Combustion performance test for building materials and products-Determination of the heat of combustion

Specifications:

- 1. Gross heat of combustion: 0.01MJ / kg ~ 30MJ / kg;
- 2. Heat of combustion repeatability error: Dynamic ≤0.1%;
- 3. Temperature range: 0 ~ 50 °C;
- 4. Temperature resolution: 0.0001 °C, using PT100 sensor;
- 5. Oxygen calorimetric bomb volume:300ML,mass:3.2KG;
- 6. Calorimetric vessel volume: 2200ML;
- 7. Calorimetric bomb oxygen-supply pressure: 0 ~ 3.5Mpa without leakage;
- 8. Oxygen calorimetric bomb pressure resistance:≥21Mpa pressure;
- 9. Stirrer power: 3W;
- 10. Stirrer vessel speed: 375r / min;
- 11. Power:AC 185~245V;
- 12. Crucible(stainless steel):2;
- 13. Single-head oxygen bomb:1;

- 14. Firing wire:1 volume;
- 15. Containing crucible method and cigarette method;
- 16. Device for making the "cigarette";
- 17. The system automatic records the data of temperature and time. It can be based on the input heat capacity, sample quality and additional heat and related data, automatically temperature correction and gross heat of combustion calculation, and the result is given. The computer of the test apparatus has the icon display function, display curve, Excel spreadsheets, print function, data input, command and control functions. In order to perfect the system, the computer system can be added to fault alarm, warning, alarm, etc.
- 18. Ignition circuit:voltage 12V,adjustable current 100mA,firing wire diameter 0.1mm;
- 19. Gross heat of combustion and net heat of combustion can read directly, without calculation;
- 20. Computer:1 set.

