

Automatic Flash Point Tester

BGD 240 Automatic Flash Point Tester is designed by rapid equilibrium closed cup method. It can rapidly test flash point of coating, paint (water-based paint), varnish, lacquer base, adhesive, solvent, Fatty acid methyl ester (FAME), chemical reagent, flavor, spices, solid chemical products, viscous chemical products, air fuel oil, petroleum and related products.

It conforms to ISO 3679, ISO 3680, ASTM D 3278, ASTM D3828 etc

Characters




- ◆ Can detect the flash point at a specific temperature between -30°C and 100°C (BGD 240/1) or RT to 300°C (BGD 240/2) at average rate heating.
- ◆ All functions are achieved through touch screen and digital display.
- ◆ Built in two test procedures: rapid balanced mode and average rate heating mode
- ◆ Various parameters, such as the heating mode, time, temperature and the average rate heating can be set by the user themselves.
- ◆ Planning board action, the decline of the ignition, the detection of flash point is done automatically.
- ◆ The gas ignition sources can be provided directly by the laboratory, you can also use the portable butane gas tank.
- ◆ Built-in cooling module is used to shorten the cooling time between the two tests.
- ◆ Amend barometric pressure automatically

Main Technical Parameters:

- ★ Flash Point Temperature Range: For BGD 240/1: -30°C to 100°C ;
For BGD 240/2: RT to 300°C
- ★ Tested Flash Point Temperature Accuracy: 0.5°C
- ★ Sample volume: 2ml
- ★ Heating Rate: Customize, quickest speed $5^{\circ}\text{C}/\text{min}$, longest duration 99min, highest temperature 100°C (300°C)
- ★ Cooling Method: Built-in cooling module (without external cooler $0^{\circ}\text{C} \sim 100^{\circ}\text{C}$)
- ★ Output Interface: USB
- ★ Size: $460\text{mm} \times 330\text{mm} \times 350\text{mm}$; Net Weight: 15KG
- ★ Operate Temperature: $15^{\circ}\text{C} \sim 35^{\circ}\text{C}$
- ★ Power Supply: 220/240V, 50/60Hz
- ★ Come with Accessories: 3pcs Special injector for high viscosity (thick) sample, Steam source regulation component, Silicone tube, Thermometer, O-Type Seal Ring (5pcs)
- ★ Optional Accessories: Flash point reference material (flash point value please consult)
- ★ **Ordering Information:**
 - BGD 240/1---Automatic Flash Point Tester ($-30^{\circ}\text{C} \sim 100^{\circ}\text{C}$)
 - BGD 240/2---Automatic Flash Point Tester (RT $\sim 300^{\circ}\text{C}$)
 - BGD 1800/1---Stand oil of Closed Flash Point ($40^{\circ}\text{C} \sim 50^{\circ}\text{C}$)
 - BGD 1800/2---Stand oil of Closed Flash Point ($80^{\circ}\text{C} \sim 90^{\circ}\text{C}$)
 - BGD 1800/3---Stand oil of Closed Flash Point ($100^{\circ}\text{C} \sim 110^{\circ}\text{C}$)
 - BGD 1800/4---Stand oil of Closed Flash Point ($170^{\circ}\text{C} \sim 180^{\circ}\text{C}$)



BGD 240/1 Flash Point Tester

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|  | Test Balance | Please select the corresponding testing method for testing. Click to view historical saved data. |
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