

## Automatic Flash Point Tetser

**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°C/min, longest duration 99min, highest temperature 100°C (300°C)
- ★ Cooling Method: Built-in cooling module (without external cooler 0°C ~ 100°C)
- ★ Output Interface: USB
- ★ Size: 460mm × 330mm × 350mm
- ★ Net Weight: 15KG
- ★ Operate Temperature: 15°C ~ 35°C
- ★ Power Supply: 220/240V, 50/60Hz
- ★ Come with Accessories: Steam source regulation component, Silicone tube, injector, Thermometer, O-Type Seal Ring (5pcs)
- ★ Optional Accessories: Special injector for high viscosity (thick) sample, Powdery object injector 4ml injector, Stand oil of Flash Point (49.7°C)
- ★ **Ordering Information:**  
BGD 240/1---Automatic Flash Point Tester (-30 ~ 100°C)  
BGD 240/2--- Automatic Flash Point Tester (RT ~ 300°C)

