

Precise Digital Overhead Stirrer

These newest stirrers are of the highest quality. The core a direct current brushless motor is explosion-proof and overcomes the disadvantages of traditional stirrers. The stirrers can operate under high load for an extended period of time without any need for maintenance.

Features:

- ◆ High reliability and outstanding performance.
- ◆ LCD display for precise monitoring of set and actual speeds, a wide range of speed from 50 to 2200rpm with control accuracy of ± 3 rpm (BGD 702&BGD 704&BGD 706).
- ◆ Brushless DC motor for long life, maintenance free and explosion proof Torque trend display for real-time information on viscosity changes.
- ◆ Safety circuits allow for safe stop function in anti-stall or overload conditions.
- ◆ Smooth operation prevents accidental spillage and splashing.
- ◆ Provides constant speed even with changes in viscosities of the samples.
- ◆ Remote function provide PC control and data transmission.
- ◆ Availability of auto-restart function in case of power loss for overnight operations.

Main Technical Parameters

| Ordering Information → Parameters ↓ | BGD 701 | BGD 702 | BGD 703 | BGD 704 | BGD 706 |
|--|--|---------|--------------|---------|---------------|
| Max. Stirring Capacity (water) | 20 L | | 40 L | | 70 L |
| Motor Rating Input | 60 W | | 120 W | | 180 W |
| Motor Rating Output | 50 W | | 100 W | | 160 W |
| Power | 70 W | | 130 W | | 200 W |
| Timing Function | --- | | | | 0 ~ 99h 59min |
| Speed Range (rpm) | 50-2,200 | | | | 50-1,100 |
| Speed Display Accuracy | ± 3 rpm | | | | ± 10 rpm |
| Display | LED | LCD | LED | LCD | LCD |
| Voltage/Frequency | 100V ~ 240V; 50HZ/60HZ | | | | |
| Max. Torque | 40 N.cm | | 60 N.cm | | 300 N.cm |
| Max. Viscosity | 10,000 mPa.s | | 50,000 mPa.s | | 100,000 mPa.s |
| Chuck Range Diameter | 0.5 mm-10 mm | | | | |
| Dimension (W×H×D) | 83 mm × 220 mm × 186 mm | | | | |
| Weight | 2.4 KG | | 2.8 KG | | 3.2 KG |
| Packing List | ① LCD or LED digital overhead stirrer head-----1 pc ② Flat Base -----1 pc (Big base is optional for BGD 706) ③ Main Pole-----1 pc ④ Dispersing pole with four leaf-----1 pc | | | | |



BGD 702/704/706



BGD 701/703