

## Super High Speed Dispersing Machine

**BGD 746 Super High Speed Dispersing Machine** integrates super high-speed dispersion, stirring and automatic control of lift distance. It can meet the application requirements of customers for super high-speed dispersion and homogeneous emulsification, with the excellent dispersion and emulsification effects, as well as high dispersing efficiency. In addition, this machine is operated by a large-size touch screen, which is powerful, convenient and practical.

### Features

- ◆ Super high-speed motor: The max. speed can reach 20,000 r/min. Bigger torque, lower noise and lower power consumption
- ◆ The max. lift distance can reach 300mm. Servo system for locating can precisely feedback the height information in real time.
- ◆ Dispersing blade can be set to stay at the required height, which is suited to different sizes of dispersing containers or different material levels. At the same time, the use safety can be improved.
- ◆ In the whole dispersing process, dispersing blade can circularly lifted up and down at the same time: lift distance and speed can also be set. Greatly improve the dispersion efficiency.
- ◆ With the 7-inch touch screen, the tip speed, torque ratio and the height of dispersing blade can be displayed in real time.
- ◆ Test parameters can be set, such as speed, run time, diameter, height, etc.
- ◆ Suitable for containers with the capacity of 0.5L-5L, and can meet more different test requirements.

### Main Technical Parameters:

- ★ Rated Power of Motor: 1.5kW
- ★ Rated Motor Torque: 1.6 N.m
- ★ Adjustable Working Speed: 100rpm ~ 20,000rpm
- ★ Lift Speed: 0 ~ 30mm/s
- ★ Max. Lift Distance: 300mm
- ★ Length of Stirring Rod: 220mm
- ★ Dimension (W × D × H): 470mm × 470mm × 920 ~ 940mm (From low to top)
- ★ Gross Weight: 84KG
- ★ Power Supply: 220V, 50/60Hz
- ★ Max. Power of whole machine: 2kW
- ★ Come with two heavy duty dispersing blades: one each of  $\phi$  50mm and  $\phi$  60mm
- ★ **Ordering Information:** BGD 746---Super High Speed Dispersing Machine

### Optional Accessories

- BGD 1410---35 mm Dispersing Blade
- BGD 1411---50 mm Dispersing Blade
- BGD 1412---60 mm Dispersing Blade
- BGD 1413---80 mm Dispersing Blade
- BGD 1414---100 mm Dispersing Blade
- BGD 1415---120 mm Dispersing Blade
- BGD 1416---150 mm Dispersing Blade
- BGD 1417---200 mm Dispersing Blade
- BGD 1451---0.5 L Dispersing Container
- BGD 1452---1.25 L Dispersing Container
- BGD 1453---3 L Dispersing Container
- BGD 1454---5 L Dispersing Container



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