

# High Speed Laboratory Dissolver, 1500W

## BGD 746

### Product Description

BGD 746 High Speed Laboratory Dissolver

The BGD 746 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.



### Technical Specification

- 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

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## Main Technical Parameters

- Mixing motor rated power: 1.5 kW
- Rated torque: 1.6 N.m
- Range of speed adjustment: 100~20,000 rpm
- Lifting speed: 0-30mm/s
- Electric lifting stroke: 300 mm
- Overall size (mm) WxDxH (Low~Top): 450x430x900
- Gross Weight: 83 kg
- Power supply: 220V, 50/60Hz
- Maximum power of the whole machine: 2kW
- Supplied with Ø50mm and Ø60mm Heavy Duty Dispersion dispersion blades

Model	Motor Power	Speed r/min	Max. Torque	Lift distance	Lift System	Dispersing blades
BGD 740/1	550W	0-7,500	1.91 N.m	240mm	Manual spring lift	50 & 60 mm
BGD 740/2	750W	0-6,000	2.87 N.m	260mm	Manual spring lift	50 & 60 mm
BGD 740/3	1,100W	0-6,000	3.82 N.m	340mm	Electric	60 & 80 mm
BGD 740/4	1,500W	0-5,000	5.73 N.m	340mm	Electric	80 & 100 mm
BGD 740/5	2,200W	0-4,000	7.64 N.m	340mm	Electric	100 & 120 mm
BGD 741/1	550W	0-7,500	1.91 N.m	300mm	Electric	50 & 60 mm
BGD 741/2	750W	0-6,000	2.87 N.m	300mm	Electric	50 & 60 mm
<b>BGD 746</b>	<b>1,500W</b>	<b>100-20,000</b>	<b>1.6 N.m</b>	<b>300mm</b>	<b>Electric</b>	<b>50 &amp; 60 mm</b>

## Accessoires

- BGD 1452 - Dispersing Container 1.25 L
- BGD 1453 - Dispersing Container 3 L
- BGD 1454 - Dispersing Container 5 L

## Disclaimer

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experience and our policy of continuous product development