

## Versatile Sand-Milling Dispersing-agitator

**B**GD 750 series Versatile Sand-Milling dispersing-agitator is a new product designed by our company. It is equipped with two sand-milling discs, two dispersing blades and a double-layer stainless steel container. With only one machine, operator can finish such as sand-milling, high speed dispersing and mixing. Furthermore, electric lift design is very convenient for female operator.

### Features:

- ◆ With high quality squirrel-cage motor and use frequency converter to adjust working speed
- ◆ Direct digits display axis revolution through display screen of frequency converter installed on the machine.
- ◆ No carbon brush, no produce any flame when working
- ◆ Lower noise, bigger torque and wider adjustable speed
- ◆ Main parts are all made up of stainless steel, with perfect corrosion resistance
- ◆ Inlet and outlet of cooling water are equipped with fast joints, convenient for operator to install or remove quickly.
- ◆ Container is produced by a whole special mould, no welding line and bottom is arc structure, can be cleaned completely. Very convenient for operator to do the different color sample.
- ◆ Standard configuration: Two or four (only for 550W&750W) different dispersing blades, two different size sand-milling blades, a stainless steel double jacket container.
- ◆ BGD 750/1 & BGD 750/2 have lifting lever marked with scale, which are convenient to adjust the distance of dispersing blade to container bottom.
- ◆ Power Supply: 220V 50Hz



Ordering Information	Motor Power	Speed (r/min)	Container Capacity	Lift Distance	Lift System	Dispersing blades	Sand-Mill blades	Overall Size, mm W × D × H ( Low ~ Top )
BGD 750/1	550W	0-7,500	1.25 L	240 mm	Spring lift by hand	50mm&60mm	50mm&60mm	475 × 430 × 560 ~ 800
BGD 750/2	750W	0-6,000	1.25 L	260 mm	Spring lift by hand	50mm&60mm	50mm&60mm	475 × 430 × 635 ~ 895
BGD 750/3	1,100W	0-6,000	3 L	320 mm	Electric	60mm&80mm	90mm&100mm	675 × 570 × 1180
BGD 750/4	1,500W	0-5,000	3 L	320 mm	Electric	80mm&100mm	90mm&100mm	675 × 570 × 1180
BGD 750/5	2,200W	0-4,000	5 L	520 mm	Electric	100mm&120mm	100mm&130mm	700 × 720 × 1300 ~ 1510
BGD 751/1	550W	0-7,500	1.25 L	300 mm	Electric	50mm&60mm	50mm&60mm	610 × 430 × 850 ~ 880
BGD 751/2	750W	0-6,000	1.25 L	300 mm	Electric	50mm&60mm	50mm&60mm	610 × 430 × 850 ~ 880
BGD 752/2 (Explosion-proof)	750W	0-3,000	1.25 L	300 mm	Spring lift by hand	50mm&60mm	50mm&60mm	530 × 560 × 965 ~ 980
BGD 752/5 (Explosion-proof)	2,200W	0-3,000	5 L	520 mm	Spring lift by hand	100mm&120mm	100mm&130mm	640 × 680 × 1430 ~ 1500

**Note:** For 550W&750W machine, come with two 50mm ( a efficient one and a heavy-duty one each ) blades and two 60mm ( a efficient one and a heavy-duty one each ) dispersing blades

### ◆ Optional Accessories:

BGD 1410---35 mm Dispersing Blade  
 BGD 1411/S---50 mm Efficient Dispersing Blade ( For low viscosity sample )  
 BGD 1411/H---50 mm Heavy Duty Dispersing Blade ( For high viscosity sample )  
 BGD 1412/S---60 mm Efficient Dispersing Blade ( For low viscosity sample )  
 BGD 1412/H---60 mm Heavy Duty Dispersing Blade ( For high viscosity sample )  
 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 1420---50mm Sand-milling Blade  
 BGD 1421---60mm Sand-milling Blade



BGD 1422---90mm Sand-milling Blade  
 BGD 1423---100mm Sand-milling Blade  
 BGD 1424---130mm Sand-milling Blade  
 BGD 1450---0.3 L Dispersing Container  
 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  
 BGD 1455---10 L Dispersing Container  
 BGD 1456---20 L Dispersing Container  
 BGD 1460---Stand for Explosion-proof box

### Biuged Containers Size

Ordering Information	BGD 1450	BGD 1451	BGD 1452	BGD 1453	BGD 1454	BGD 1455	BGD 1456
Volume	0.3 L ( Single-wall )	0.5 L	1.25 L	3 L	5 L	10 L	20 L
Inner Diameter	73 mm	85 mm	103 mm	129 mm	164 mm	214 mm	268 mm
Inner Depth	71 mm	95 mm	165 mm	236 mm	253 mm	282 mm	355 mm
Welded Bottom	✓	✓		✓	✓	✓	✓
Arc Bottom			✓				
Handle				✓	✓	✓	✓