

Closed Paint Mixer/Shaker

Description: When working, put the container with materials which need to be dispersed into the machine, clamp it with a special clamping device, set dispersion time, materials will be quickly and effectively dispersed through high-speed rotating and shaking. Easy and convenient to operate with good dispersion result, without leakage of VOC or pollution, effectively improve environment of workshops or laboratories.

According to working principle, these closed paint mixers and shakers are divided into two types: shaking type and rotating type. The container of shaking type is shaken up and down, back and forth repeatedly at high speed; while the container of rotating type revolves and rotates in all directions at the same time.

Features:

Manual Shaking Type Mixer:

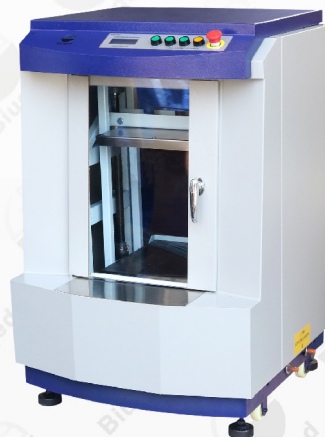
- ◆ Door opening and shutdown protection device - safety interlock: to prevent cabinet door from being opened when machine is running, safe and reliable.
- ◆ The container support table inside machine can be pulled out, rotated and fixed, saving time and effort during operation.
- ◆ Manually clamp the container, and the clamping force depends on you, suitable for any size and type container.

Automatic Shaking Type Mixer:

- ◆ Independently developed and customized chip control technology, intelligent, visual and user-friendly.
- ◆ Automatically run self-checking program before operation.
- ◆ Preset mixing time, LCD displays entire working status.
- ◆ Automatically detect container size and adjust platen height.
- ◆ Automatically tighten or loosen container, automatically adjust clamping force according to container' s size.
- ◆ Adjust or set working parameters (such as language, clamping force, etc.) through control panel.
- ◆ Recognize fault through error code which display on LCD screen .
- ◆ Stop working or increase working time through buttons on panel.
- ◆ Trapezoid structure + separation of machine and shell, stable vibration and low noise.
- ◆ Emergency stop switch and double door lock structure (national patent: Patent NO.ZL 2007 2 0052568.3) ensure safety.
- ◆ Drum design, easy to load or unload container.



BGD 763/1 Closed Paint Shaker



BGD 763/3 Auto. Closed Paint Shaker



BGD 764/3 Auto. Closed Paint Mixer



One-stop PURCHASE

Perfect price-performance ratio products

Professional SERVICE

Automatic Rotating Type Mixer:

- ◆ Independently developed and customized chip control technology, intelligent, visual and user-friendly.
- ◆ Automatic initialization when power on.
- ◆ After starting up or pressing emergency stop button, enter into working status without initialization if the clamping device is in a vertical position.
- ◆ Preset mixing time, LCD displays entire working status.
- ◆ Automatically detect container size and adjust platen height.
- ◆ Automatically tighten or loosen the container, and automatically adjust clamping force according to container's size.
- ◆ Adjust or set working parameters (such as rotation direction, rotation speed, language, clamping force, etc.) through control panel.
- ◆ Multi-stage frequency conversion speed regulation technology, automatically adjust rotation speed, pressure, etc.
- ◆ 720 degree forward and reverse rotation technology (national patent: Patent NO.ZL 2007 2 0052569.8), various rotation modes are available.
- ◆ Emergency stop switch and double door lock structure (national patent: Patent NO.ZL 2007 2 0052568.3) ensure safety.
- ◆ Motor brake positioning replaces the old electromagnet technology, more efficient and reliable.
- ◆ Recognize fault through error code displayed on LCD screen .
- ◆ Stop working or increase working time through buttons on panel.
- ◆ The lower clamping plate can be moved forward to easily load or unload container.

Main Technical Parameters

Ordering Information → Parameters ↓	BGD 763/1	BGD 763/3	BGD 764/3
Working Method	Shaking	Shaking	Rotating
Clamping Container Method	Manual	Automatic	Automatic
Suitable Container Capacity	0.5L–20L (1KG ~ 35KG)		
Suitable Container Height	100mm–380mm	50mm–410mm	
Rotating Speed	680~710 times/min	700 times/min	
Shaking Frequency	----	----	Low speed: 100 (big container) High speed: 150 (small container)
Working Time	0–120min	15、30、45、60min are optional	
Working Noise	----	< 70 dB	
Motor Power	0.75 kW		
Power Supply	220V/50Hz (110V/60Hz need to be custom)		
Net Weight/Gross Weight	195KG/240KG	200KG/240KG	178KG/235KG
Overall Size (H×W×D,mm)	1040×820×710	1050×720×750	1040×800×770
Optional Accessories	BGD 1900----For shaking several different samples simultaneously (each volume ≤1L) , need to be custom according to customer's container size. Power supply and special cover color can be custom		