

## Closed Paint Mixer/Shaker

These closed paint mixers and shakers, suitable size containers having sample which is needed to be dispersed or milled are put into, then use the special clamping device to fix containers, set required working time. With high-speed rotating and shaking, sample can be dispersed efficiently and fast. Compared with BGD 760, these machines have many characteristics of easy and convenient to operate, high-efficiency, no VOC leakage, no pollution etc advantages.

According working principle, these machines can be divided into two types: shaking type and rotating type. For shaking type, the container is shaken up and down, back and forth with high-speed. For rotating type, the container is rotated at revolution and rotation at the same time.

### Features:

#### Manual Type:

- ◆ Clamp the container by manual, can select clamping power freely, suitable for any size and type container.
- ◆ Safety interlock--- the machine will stop immediately when open its door, prevents the cabinet door from being opened while the machine is running.
- ◆ The supporting table for container can be pulled-out, rotated and fixed, save time and power for operator.

#### Automatic Type:

- ◆ Run self-checking program automatically before operation till all parameters are accordance with requirements then begin to work. In case of any abnormality, the machine will alarm by buzzer and indicate need to be set.
- ◆ Digital display will show the working status and run time, so that the operators can know the machine working status.
- ◆ With PLC microcomputer control---Detect and response automatically, adjust height to clamp container.
- ◆ Automatic fix or loosen container and offer the suitable working speed.
- ◆ Automatically check container size and according it to adjust suitable clamping power and rotating speed.
- ◆ Multi-grade intelligent timing inverter, adequate speed control ensures stable operation



BGD 763



BGD 764

Ordering Information → Parameters ↓	BGD 763/1	BGD 763/2	BGD 764/1	BGD 764/2
Working Method	Shaking	Shaking	Rotating	Rotating
Clamping Container Method	Manual	Automatic	Manual	Automatic
Suitable Container Capacity	0.5L-20L			
Suitable Container Height	100mm-380mm		70mm-390mm	
Shaking Frequency	680~710 times/min		----	
Rotating Speed	----		Revolution: 130r/min Rotation: 260r/min	
Motor Power	0.75 kW			
Power Supply	110V or 220V, +-10% adjustable, 50/60HZ			
Net Weight/Gross Weight	195 KG/240KG	210 KG/245KG	200 KG/240KG	187 KG/228KG
Overall Size (H×W×D,mm)	1040×820×710	1040×820×710	1020×820×710	1020×820×710
Optional Accessories	BGD 1900----Special Wood clamp ( Sudokus ) . For shaking several different samples simultaneously ( each volume ≤1L ) , also can be designed according to customer's container size.			