

Closed Paint Mixer/Shaker: Shaking and Automatic clamp

BGD 763-3

Product Description

BGD 763 & BGD 764 Closed Paint Mixers/Shakers provide efficient solutions for quickly mixing paint and similar materials. Operators simply place the container with the materials into the machine, secure it using the special clamping device, and set the dispersion time. The materials are then rapidly and effectively dispersed through high-speed rotation and shaking. The operation is easy and convenient, delivering excellent dispersion results without VOC leakage or pollution, thereby improving the environment of workshops or laboratories.



Technical Specification

Based on their working principles, these closed paint mixers and shakers are divided into two types: shaking type and rotating type:

- The shaking type BGD 763-3 agitates the container up and down and back and forth at high speed
- The rotating type BGD 764-3 revolves and rotates the container in all directions simultaneously

Features:

- Independently developed, customized chip control technology: intelligent, visual, and user-friendly
- Runs an automatic self-check program before operation
- Preset mixing time; LCD displays the entire working status
- Automatically detects container size and adjusts platen height
- Automatically tightens or loosens the container, adjusting clamping force according to container size
- Working parameters (such as language and clamping force) can be adjusted or set through the control panel
- Faults are recognized via error codes displayed on the LCD screen
- Operation can be stopped or the working time increased using panel buttons
- Trapezoid structure and separation of machine and shell ensure stable vibration and low noise
- Emergency stop switch and double door lock structure enhance safety
- Drum design allows for easy loading and unloading of containers

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Main Technical Parameters

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

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