OSIS Quality & Reliability

OSIS Instrument Solutions 003023748-K
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Vortex Mixer

Vortex Mixers are quite commonplace in bioscience laboratories. In cell culture and microbiology Laboratories they may be used to suspend cells. In a biochemical or analytical laboratory, they may be used to mix the reagents of an assay or to mix an experimental sample and a dilutant.

Vortex Mixer are ideal instruments for gentle mixing to vigorous resuspension of cells and biological and chemical liquid components in tubes using an eccentric mechanism. They are widely used in life science, physical and chemical analysis fields.

MI0101002D LED Digital Vortex Mixer is suitable for either short time operation (touch function) or continuous operation and variousattachments are available for different mixing applications.

View Products

MI0101002D

MI0101002

Features

1. Wide speed range of 0-3000rpm
2. Orbital diameter of 6mm
3. Touch mode, timer mode and continuous mode are available
4. Brushless DC motor and sturdy iron/aluminium casting base
5. Low operation voltage(12V) for full protection
6. Excellent mixing capability can make full 50ml containers mix within 3 seconds
7. Perfect dynamic balance design can eliminate any movement in mixing
8. Various applications with different interchangeable attachments
9. Power supply is CE, cULus, CCC, SAA and FCC certified

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SPECIFICATIONS:

Model	MI0101002D	MI0101002
Operation mode	Continuous / touch operation	Continuous / touch operation
Type of movement	Orbital	Orbital
Orbital diameter	6 mm	6mm
Speed range	0-3000 rpm	0-3000rpm
Speed display	LED	Scale
Permissible ambient temperature	5-40°C	5-40°C
Permissible relative humidity	80%	80%
Protection class accordin to DIN EN 60529	IP21	IP21
Voltage [VAC]	200-240/115/100V compatible	200-240/115/100V compatible
Power [W]	36	36
Frequency [Hz]	50-60	50/60
Motor rating input [W]	30	30
Motor rating output [W]	15	15
Dimensions (W x H x D)	107x146x166	107x146x166mm
Weight [kg]	3	3

APPLICATION OF ACCESSORIES

ACCESSORY	ADJUSTABLE SPEED MODEL 400-3000RPM			
	TOUCH MODE		CONTINUOUS MODE	
	HIGH SPEED	LOW SPEED	HIGH SPEED	LOW SPEED
MI0101002-13	Y	Y	Y	Y
MI0101002-31+ MI0101002-14		Y		Y
MI0101002-32+ MI0101002-14		Y		Y
MI0101002-33+ MI0101002-14		Y		Y
MI0101002-34+ MI0101002-14		Y		Y
MI0101002-35+ MI0101002-14		Y		Y
MI0101002-36+ MI0101002-14+		Y		Y

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