

Vortex Mixer (Digital / Analog)

MI0101002D/MI0101002

Features

- Excellent mixing capability: can fully mix contents in 50ml tubes within 3 seconds
- Perfect dynamic balance design can eliminate any movement in mixing
- Various applications with different interchangeable attachments
- Brushless DC motor and sturdy iron/aluminum casting base
- Power supply is CE, cULus, CCC, SAA and FCC certified
- Low operation voltage (12V) for full protection
- Wide speed range of 0-3000rpm
- Orbital diameter of 6mm



- LED display for easy reading of time and speed
- Touch mode, timer mode and continuous mode are available

Specifications

Model	MI0101002D	MI0101002
Operation mode	Continuous / touch operation	
Type of movement	Orbital	
Orbital diameter	6mm	
Speed range	400-3000 rpm	0-3000rpm
Speed display	LED	Scale
Permissible ambient temp.	5-40°C	
Permissible relative humidity	80%	
Protection class according to DIN EN 60529	IP21	
Voltage [VAC]	200-240/115/100V compatible	
Power [W]	36	
Frequency [Hz]	50-60	
Motor rating input [W]	30	
Motor rating output [W]	15	
Dimensions (W x H x D)	107x146x166	
Weight [kg]	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

Accessories



MI0101002-13
Standard top



MI0101002-14
Universal top plate



MI0101002-37
Erlenmeyer flask attachment
100-250ml, used with MI0101002-14



MI0101002-38
Platform pad for $< \Phi 99\text{mm}$
tubes & small vessels



MI0101002-31
Test Tube Attachment, $54 \times \Phi 6\text{mm}$,
used with MI0101002-14



MI0101002-32
Test Tube Attachment, $18 \times \Phi 10\text{mm}$,
used with MI0101002-14



MI0101002-33
Test Tube Attachment, $12 \times \Phi 12\text{mm}$,
used with MI0101002-14



MI0101002-34
Test Tube Attachment, $8 \times \Phi 16\text{mm}$,
used with MI0101002-14



MI0101002-35
Test Tube Attachment, $8 \times \Phi 20\text{mm}$,
used with MI0101002-14



MI0101002-36
Microtiter plate attachment,
used with MI0101002-14