

Section 2 Overview

2.1 Specifications

Rotation Speed

Product Name	Nutating Mixer Fixed Speed		Nutating Mixer Variable Speed		3D Platform Rotator	
Cat. NO.	88861041	88861042	88861043	88861044	88861045	88861046
Speed Range	24rpm	20rpm	2 to 60rpm		2 to 80rpm	
Display Mode			LED			
Display Accuracy			1 rpm			
Speed Accuracy	±1rpm					

Angle

Product Name	Nutating Mixer Fixed Speed	Nutating Mixer Variable Speed	3D Platform Rotator
Tilt Angle	20°		7°
Tilt Angle Accuracy	±1°		
Rotation Angle	0 to 360°		

Note: Maximum speed/tilt angle may vary with heavy or unbalanced loads.

Load

Maximum Load (Centered on tray)	0.8kg
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Time

Product Name	Nutating Mixer Fixed Speed	Nutating Mixer Variable Speed	3D Platform Rotator
Timer Range			1min to 99h59min
Display Mode			LED

Power Supply

Product Name	Nutating Mixer Fixed Speed		Nutating Mixer Variable Speed		3D Platform Rotator	
Cat. NO.	88861041	88861042	88861043	88861044	88861045	88861046
Requirement	110V, 60z, 0.1A	220V, 50Hz, 0.05A	100~240V, 50Hz/60Hz, 1A		100~240V, 50Hz/60Hz, 0.8A	

Size

Product Name	Nutating Mixer Fixed Speed	Nutating Mixer Variable Speed	3D Platform Rotator
Overall Dimensions	415×293×273mm (16.3×11.6×10.7in.)		415×295×170mm (16.3×11.6×6.7in.)
Tray Dimensions	306×266mm(12.0×10.5in.)		
Package Dimensions	536×501×346mm(21.1×19.7×13.6in.)		

Weight

Product Name	Nutating Mixer Fixed Speed	Nutating Mixer Variable Speed	3D Platform Rotator
Net Weight	5.9kg(13lb)	7.4kg(16.3lb)	7.3kg(16.1lb)
Gross Weight	8.6kg(18.9lb)	9.4kg(20.7lb)	9.3kg(20.5lb)

Others

Noise Level	< 55 dB with no load when ambient noise is 45 dB
Certificate	ROHS, WEEE, cCSAus, CE Mark

2.2 Environmental Conditions

Application Environmental Conditions: indoor use

Temperature	5 to 40 °C (41 to 104 °F)
Humidity	20% to 85%,
Altitude	≤2,000 m
Voltage Fluctuation	±10% of the nominal voltage

Storage Environmental Conditions

Temperature	0 to 60 °C (36 to 124 °F)
Humidity	20% to 90%, non-condensing