



PRODUCT BROCHURE · YAMATO SCIENTIFIC

Yamato Shaker Rotary, Elliptical & Receptacate 20~200 RPM

SKU MK-161-BASE · Mixing & Agitation · Orbital Shakers



QUICK VIEW

Shop the Yamato Shaker Rotary, Elliptical & Receptacate 20~200 RPM (MK-161-BASE). Authorized distributor with competitive pricing. Request a quote.

VOLTAGE
115V, 220V

SHIP WEIGHT
40 lb

SOURCING
**Authorized U.S.
distributor**

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Compact Shaker

MK161-115V MK161-220V

Rotary, elliptical and reciprocate motion

- Compact, space saving design
- Changeable rotary, elliptical and reciprocate motion for mixing, extracting and stirring of samples
- Stable and high torque shaking power and speed with the DC brushless motor
- Shaking frequency and timer are dial setting and digital display
- Shake pause function, timer function and constant operation by one switch
- Selectable mixing, extracting and stirring patterns when used with different shaking stage and racks (optional item)
- Can be placed inside IN604W incubator for shaking incubation

Specifications

Model	MK161-115V MK161-220V
Shaking mode	Rotary, Elliptical and Reciprocate (manual operation)
Shaking range	Rotary:30mm Reciprocate: 30mm
Shaking frequency	20~200rpm
Frequency controller	Dial Setting, Digital Display
Timer	Dial Setting, Digital Display / Digital 0.1min. (6 sec.) to 99.9hr.
Shaking stage dimensions	Main Unit : W300 x D254mm, Stage : W290 x D250mm
External dimensions	W350 x D300 x H150mm
Weight	~15kg
Power source 50/60Hz	AC115V 0.5A AC220V 0.3A



Example of using mounting stage and erlenmeyer flask holder clamps (optional)



Incubator IN604W with optional slide shaker stage and MK161 shaker

*Glassware not included.

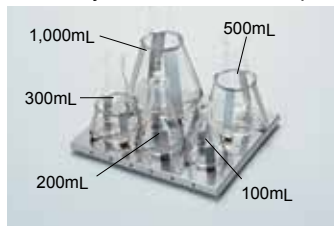
Operational accessories

Mounting stage



Capacity	Number of erlenmeyer flask clamp
100ml	10pcs
200ml	9pcs
300ml	5pcs
500ml	4pcs
1,000ml	2pcs
Product code	232061

Erlenmeyer flask holder clamp



Product code	Capacity	No. of clamps
232062	100ml	10 pcs.
232063	200ml	9 pcs.
232064	300ml	5 pcs.
232065	500ml	4 pcs.
232066	1,000ml	2 pcs.

*Mounting stage sold separately

Diagonal rack holder



Diagonal erlenmeyer flask holder		
Product code	Capacity	No. of unit
232067	100ml	3 pcs
232068	200ml	2 pcs
232069	300ml	2 pcs

*Mounting stage sold separately

Diagonal test tube holder		
Product code	Diameter	No. of unit
232080	ø12mm	50 pcs
232081	ø16.5	20 pcs
232082	ø18	20 pcs

*Mounting stage sold separately

Diagonal centrifugal tube holder



For spitz tube

Product code	Size	No. of units
232070	15ml	12 pcs.

For 50ml centrifugal tube

Product code	Diameter
232083	ø29mm

*Mounting stage sold separately

Non-skid sheet



Product code	Dimension (W x D x H)
232084	290 x 250 x 30

*Mounting stage sold separately

Single spring shaking rack



Dimension (W x D x H)	
290 x 250 x 66mm	
Number of test tube: ø16mm test tube x 64 (45°inclination)	
Number of erlenmeyer flask 50mlx20pcs, 100mlx10pcs, 200mlx9pcs, 300mlx5pcs, 500mlx4pcs. 1000mlx2pcs	
Product code	232050

*Mounting stage not necessary
This can be set directly to the main unit.

Two layer spring shaking rack



Dimension (W x D x H)	
290 x 250 x 110mm	
Number of test tube: ø16mm test tube x 64 (45°inclination)	
Number of erlenmeyer flask 50mlx20pcs, 100mlx10pcs, 200mlx9pcs, 300mlx5pcs, 500mlx4pcs. 1000mlx2pcs	
Product code	232056

*Mounting stage not necessary
This can be set directly to the main unit.