Laboratory Shaker (Horizontal Shaking)

MK161

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

*Glassware is not included

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

Incubator IN604W slide shaker stage (optional) and MK161 installation example

■ Specifications

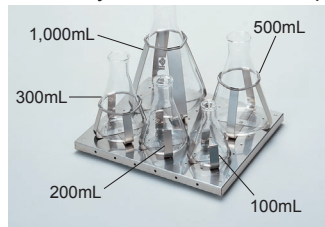| Product code	232044
Model	**MK161**
Shaking mode	Reciprocating⇔Elliptic⇔Rotate, Continuous switching (manual)
Shaking width	Rotary：30mm　Reciprocate：30mm
Shaking speed	20~200rpm
Shaking speed controller	Dial setting, Digital display
Timer	Dial setting, Digital display / Digital 0.1min. (6sec.) to 99.9min.
Shaking stage dimensions	Main unit：W300×D254mm, Stage : W290×D250mm
External dimensions	W350×D300×H150mm
Weight	Approx. 15kg
Power source 50/60Hz	AC22V 0.3A Single phase with step-down transformer

■ Operational accessories

Clamp mounting stage
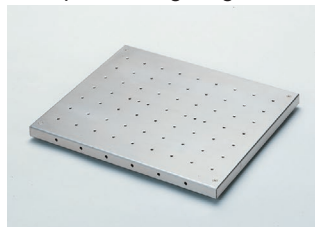
Product code	Dimension (W×D×H)
232061	290×248×35mm

Number of erlenmeyer flask clamp
100mL×10pcs, 200mL×9pcs, 300mL×5pcs, 500mL×4pcs, 1,000mL×2pcs

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.

Diagonal rack holder

Example of mounting on a clamp mounting stage.

Shaking rack for erlenmeyer flask holder clamp, inclination type

Shaking rack for test tube, inclination type

For diagonal erlenmeyer flask holder	
Product code	Capacity
232067	100mL
232068	200mL
232069	300mL

*Two sets can be shaken at the same time.

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

*Two sets can be shaken at the same time.

Diagonal centrifugal tube holder

For spitz tube

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

For 50ml centrifugal tube

Product code	Diameter
232083	ø29mm

Non-skid sheet

Product code	Dimension (W×D×H)
232084	290×250×t1.0mm

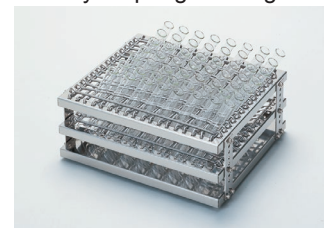*Mounting stage (232061) sold perately

Single spring shaking rack
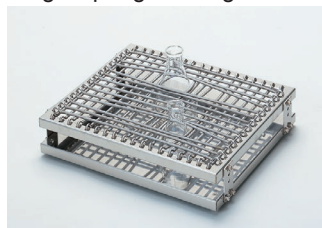
Product code	Dimension (W×D×H)
232050	293×248×77mm

Number of test tube:
ø16mm test tube×64 (45°inclination)

Number of erlenmeyer flask
50ml×20pcs, 100ml×10pcs, 200ml×9pcs, 300ml×5pcs, 500ml×4pcs. 1000ml×2pcs

Two layer spring shaking rack

Product code	Dimension (W×D×H)
232056	293×248×127mm

Number of test tube:
ø16mm test tube×64 (45°inclination)

Number of erlenmeyer flask
50mL×20pcs, 100mL×10pcs, 200mL×9pcs, 300mL×5pcs, 500mL×4pcs. 1,000mL×2pcs

*Glassware not included.

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