Lab Companion



RS-2

Powerful vertical reciprocation

Lab Companion Funnel Shaker

- Enhanced mixing efficiency through double sided vertical reciprocation and adjustable tilt (up to 20°).
- Convenient one touch funnel installation and removal.
- Stable center of gravity design for low vibration and noise.

About Us

JEIOtech

Lab Companion Funnel Shaker (Model: RS-2)

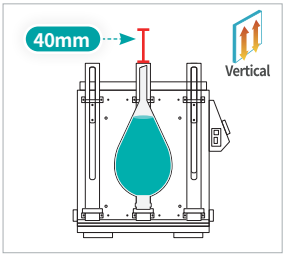
A separatory funnel is used to dissolve solutes and extract solvents while discharging gases generated during the reaction.
The Lab Companion Funnel Shaker can mix samples more efficiently by adding inclined reciprocation at a 20° angle as well as up-and-down vertical reciprocation.



RS-2
with Funnel Holders 4ea (standard), 2ea (option)

High mixing efficiency and enhanced durability

- Vertical reciprocation at a maximum of 300 rpm and 40 mm stroke length.
- Adjustable shake tile (0~20°) to achieve high mixing efficiency at low rpm.
- Use of BLDC motor provides outstanding durability, lower noise level, and enhanced stability compared to competitor products using DC motors.



Vertical reciprocation suitable for sample mixing in funnel.



Tilt angle adjustment from 0 to 20° for maximum mixing efficiency.

Simultaneous mixing of up to 4 * 2L funnels

- Fits cone or cylindrical type funnels of up to 2L capacity (capacity limit for previous model was 1L).
- Simultaneous installation of up to 10 * <0.5L funnels, 6 * 0.5-1L funnels, and 4 * 2L funnels (2 double sided holders provided in basic set).

Maximum number of installed funnels (per side)

Funnel capacity	Round type	Cylindrical type
Less than 500 mℓ*	3-5ea	3-5ea
500 mℓ	3ea	3ea
1L	3ea	3ea
2L	2ea	2ea

* The number of installation may vary according to the funnel sizes.

Accessories

Cat. No.	Description
AAA32502	Funnel holder

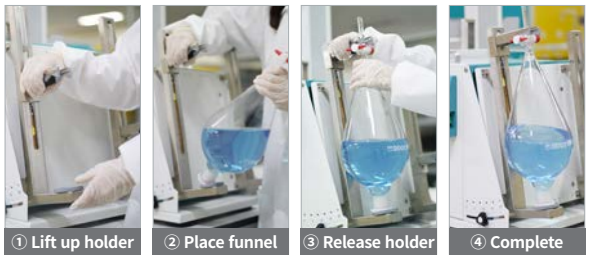
* Funnels are not provided.



Up to 5 holders may be installed on each side.

Easy sample installation and removal; stable operation

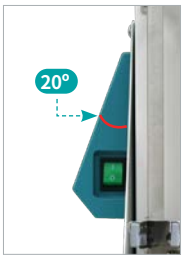
- One-touch mechanism for swift and easy funnel installation and removal, even by female researchers.
- Stable center of gravity design minimizing vibration even with one sided sample installation or high speed tilted movement.



One-touch mechanism for convenient sample installation and removal.

Controller for convenience and safety in use

- Controller with display panel installed at a 20° angle, allowing good visibility even from the floor; ease of operation.
- Safety devices for protecting the user and the experiment (protecting the device from overcurrent, automatic resumption upon return of power supply after power failure).



Tilted controller for enhanced viewing angle.



rpm deviation alarm



Automatic resumption after power failure indicator

Error alarm and status indicator.

CE | LC Connected | Computer Interface | Timer | Deviation Warning | Vertical | Inclined | Auto Run | 2 year Warranty

More flexibility in experiment schedule

- LC Connected (mobile monitoring system) network for flexibility in experiment planning (option).
- Count-down timer (Max. 999 hr. 59 min.).



Real-time monitoring and control through LC Connected (option).

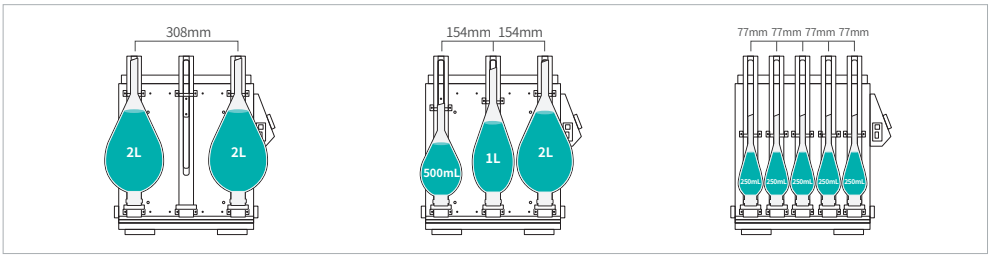


Link to mobile monitoring system introduction video

Accessories

Cat. No.	Description
AAHQ1011K	LC GreenBox

Maximum number of holders that can be installed on each side by funnel capacity



※ Funnel Installation Example. The number of installation may vary depending on the manufacturer of the funnel.

Specification

Model		RS-2
Shaking system		
Motion type		Vertical & Inclined reciprocating (0 ~ 20°)
Speed range (rpm)		Vertical 30 to 300 / Inclined 30 to 250
Speed accuracy at 100rpm (± rpm)		1
Amplitude, recip. stroke length (mm / inch)		40 / 1.6
Timer		999hr 59 min
Dimension		
Exterior (W x D x H, mm / inch)		600 x 460 x 470 / 23.6 x 18.1 x 18.5
Minimum required space considering 20° tilt		900 x 460 x 670 / 35.4 x 18.1 x 26.3
Max. load per each side (kg / lbs)		5 / 11
Net weight (kg / lbs)		52 / 114.6
Electrical data & Ordering No.		
100 ~ 240V, 50/60Hz, A		0.9 Max.
Cat. No.	KR plug	**AAH32025K**
	US plug	**AAH32023U**

Type	Funnel capacity & quantity	Minimum rpm	Maximum rpm	
			0° use	20° use
Double sided use	2L x 2ea / 2L x 2ea	30	300	250
	2L + 1L / 2L + 1L	30	300	250
	2L / 2L	30	300	250
	1L / 1L	30	300	250
Single sided use	2L x 2ea	50	300	250
	2L + 1L	40	300	250
	2L	30	300	250
	1L	30	300	250

Lab Companion

Lab Companion Shaker & Stirrer



Shaker, Dual action

· Orbital/Reciprocal motion selection.
· Powerful shaking with BLDC motor.



Shaker, General type

· Applied DD motor, stable shaking even with high load samples.



Shaker, Program type

· Convenience operation with Program control mode.



Shaker, Compact type

· Compact design allowing use within 2~60°C chamber.



Microplate Shaker

· Suitable for sample mixing for microplates, tubes etc.



Rocking/Waving Shaker

· Convenience use with the angle adjustment of motion and count-down timer.



Rotator

· Large quantities sample could be mixed at once when loading 2-stage disk.



Overhead Stirrer

· Powerful torque motor.
· Safety function for overheating and overload.



Hotplate & Magnetic Stirrer

· Excellent heat transfer due to heater-integrated structure.
· Safety features to protect the user and device.



Magnetic Stirrer

· Stable stirring even at a high speed.
· Silicone cover prevents slippage of glassware.



Magnetic Stirrer, Multi Position type

· Available to control the stirring speed and timer independently for each position.
· Another model depends on the heating function.



Vortex Mixer

· Low-profile design for stability at high speeds.
· Various accessories.

Lab Companion Korea

Head office & factory

Add. 153, Techno 2-ro, Yuseong-gu, Daejeon, 34025, South Korea

International sales office

Add. 10F-1005, 219, Gasandigital 1-ro, Geumcheon-gu, Seoul, 08501, South Korea
Tel. +82 2 2627 3816
Fax +82 2 3143 1824
E-mail overseas@jeiotech.com

Lab Companion U.S.A. - Jeio Tech, Inc.

Add. 19 Alexander Road, Ste. 7, Billerica, MA 01821-5094, U.S.A.
Tel. +1 781 376 0700 **Fax** +1 781 376 0704
E-mail info@jeiotech.com

Your best business partner

www.JeioTech.com

ⓒ 2024 JEIOTECH Co., Ltd. All rights reserved.