

Strong shaker SR-2DS/2DW

Shakes Separatory funnels vertically powerfully with energy saving. Compatible with other vessels. Low noise with our proprietary "Silent swing mechanism".

Optimum for Soil elution testing, Soil harmful metals contained testing "Elution testing Shaker TS-20" --> P.076



SR-2DS with Separatory funnel shaking platform (Option)



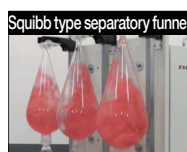
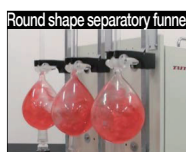
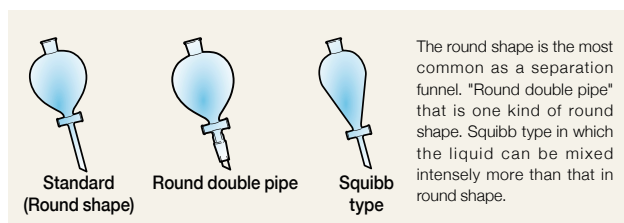
SR-2DS with Test tube shaking platform (Option)



SR-2DW with Separatory funnel shaking platform (Option)

Shakeable separatory funnel and vessels

3 types separatory funnels available. The holders that can fit to each is prepared. Erlenmeyer flask, Centrifuge tube and Polyethylene bottle (Ask us for details) can be shaken with it.



Model	SR-2DS	SR-2DW
Shaking motion	Reciprocal (Vertical and Horizontal)	Reciprocal (Vertical)
Shaking speed	Vertical: 100 to 300r/min (*1) Horizontal: 50 to 300r/min	50 to 300r/min (*2)
Shaking width	40mm (Fixed)	
Capacity	3pcs of Up to 1L Separatory funnel (SR-2DW 6pcs) (*3)	
Maximum load	Approx. 7.5kg (Shaking platform included)	One side: Approx. 7.5kg (Shaking platform included)
Timer	Digital ON/OFF Timer (1min to 99h59min)	
Speed display	Digitally	
Safety devices/ functions	Motor protection circuit at overload, Fuse	
Dimensions (W x D x H)	410 x 585 x 500mm	410 x 760 x 500mm (*2)
Weight	Approx. 49kg	Approx. 57kg
Power supply	AC220 to 240V/1.2A	

(*1) Might not be smoothly shaken at 50 to 99r/min.

(*2) The shaker works when the platforms are mounted both side but while not work when the platform is mounted only one side.

Features

- Vertical shaking and Horizontal shaking [SR-2 DS]
- Dedicated for Vertical shaking. The capacity doubles SR-2DS [SR-2DW]
- The start time of shaking and the intermittent shaking can be set by the timer.

Applications

- Liquid extraction of analysis samples such as residual pesticides and soil components.
- Pretreatment of Solid phase extraction of analytical sample
- Various mixing-stirring etc.

Digital ON/OFF timer that improves reproducibility.

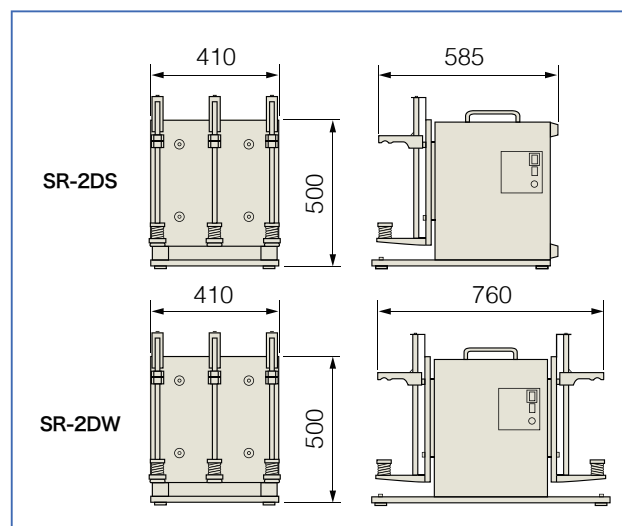
Equipped with ON/OFF timer that can be set as desired for start time and finish time. During timer operation both preset time and elapsed time are displayed and the shaking can be paused by turning OFF the shaking. Plus, the preset time and elapsed time can be always monitored even if timer is not used (The notification function by buzzer).

We can meet various customization.



For example You want to install Emergency stop button on the top of main body You want to shake a vessel that cannot fit into the standard flask adapter. Please feel free to contact us.

Dimensions



Optional accessories and Capacity of Vessels

Separatory funnel shaking platform (For Vertical shaking in SR-2DW/2DS)

Model	Standard (Round shape)	Round double pipe	Squibb type	Capacity
HE-3 for SR-2	50mL to 1L	—	50mL to 1L	3
	2L	—	—	2
HE-3W for SR-2	100mL to 1L	100mL to 1L	100mL to 1L	3
	2L	2L	—	2
HE-5 for SR-2	50mL to 200mL	—	50mL to 200mL	5
	300mL to 500mL	—	300mL to 500mL	3
	1L, 2L (*)	—	1L	2 (*)
HE-5W for SR-2	50mL to 200mL	100mL to 200mL	50mL to 200mL	5
	300mL to 500mL	300mL to 500mL	300mL to 500mL	3
	1L	—	1L	2
FU-1R for SR-2	100mL to 3L	—	—	1
FU-2S for SR-2	100mL to 2L	—	100mL to 2L	2
FU-3S for SR-2	100mL to 1L	—	100mL to 1L	3
	2L	—	2L	2

(*) Up to 1pc for liquid 1L and up to 2pcs for less than liquid 500mL can be attached when 2L is used.

● In SR-2DR, mount and use two separatory funnel shaking platform of the same type.

● The vessels other than these described cannot be used. Contact us for a vessel other than these.

● The number of racks is limited by size and weight of separatory funnel, e.g. HE-3 equipped with 3 holders whereas up to 2pcs be limitedly attached when 2L round type separatory funnel. Be sure not attach the separatory funnel to the center holder.

● The holders are sold singly (below).

● The platform of former model SR-2S/2W can also be used.




HE-5



In the photo the separatory funnels in different size are attached but attach the separatory funnels in same size in balance when use. The holders (highlighted in pink) are sold singly. Contact us for singly sales of the table (Plate part, Weight 1.87 kg).

Type	code	Weight	Type	code	Weight
Holders for HE-3/HE-5	1927	Apporx.0.8kg	Holders for FU-1R	1930	Apporx.1.7kg
Holders for HE-3W/HE-5W	62443	Apporx.0.8kg	Holders for FU-2S/FU-3S	1929	Apporx.1.1kg

Test tube/Centrifuge tube shaking platform

	Product Name / Model	Capacity of Vessel/Remarks	Dimension/Weight
① 	Test tube rack shaking platform A shaking platform for SR-2	Stoppered test tube stand (φ18 mm 50pcs) can be placed 2 set horizontally. ● Horizontal shaking in SR-2DS	410×300×100Hmm Apporx.2.6kg
② 	Test tube shaking platform C shaking platform for SR-2	φ10 to 35mm Stoppered test tube can be set. Test tube length 45mm to 145mm, Max. weight of vessels 100g, Max. 20pcs (* 1) ● Horizontal shaking in SR-2DS, Vertical shaking in SR-2DW Test tube length 138mm to 244mm, Max. weight of vessels 250g, Max. 10pcs (* 2) ● Horizontal shaking in SR-2DS	465×408mm Apporx.4.2kg
③ 	Test tube shaking platform C half shaking platform for SR-2	Up to 10 pcs of Stoppered test tube and Centrifuge tube (φ10 to 37mm x100 to 120mL in length) can be set. ● HE-3 is required for installation (HE-5 Unusable) ● For Vertical shaking in SR-2DW/2DS	408×250mm Apporx.2.4kg

(*) 1) The vessels length differ slightly depends on the thickness and shape of vessels. (2) Horizontal shaking in SR-2DS

● The vessels other than these described cannot be used. Contact us for a vessel other than these.

● The platform of former model SR-2S/2W can also be used.