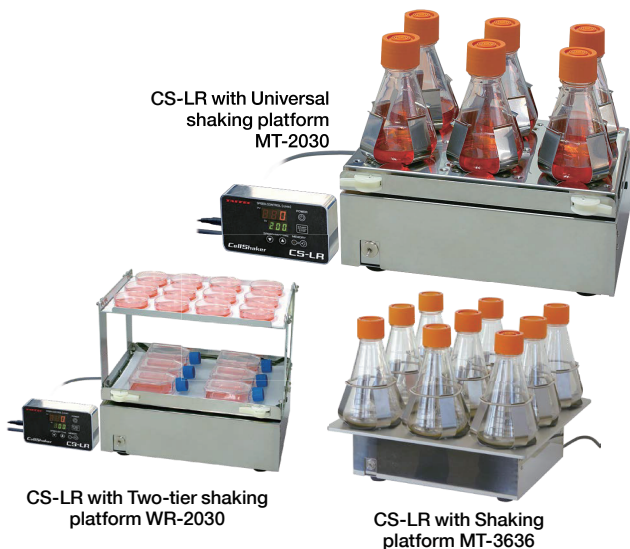


Cell shaker CS-LR

Enables Stable operation under high humidity in CO₂ Incubator etc. as the high waterproof. The low calorific value has uninfluent effect on inside temp.

CO₂ Incubators that can be inside this unit --> P.40-42



Features

- Enables Stable operation under high humidity in CO₂ Incubator etc. as the high waterproof.
- Standard platform with anti-bacterial processing
- Operation unit can be installed outside the cabinet (cable 2m)

Applications

- Shaking culture of Animal cells inside CO₂ incubator
- Shaking culture mildly of Stem cells such as iPS cells
- Shaking under high humidity environment such as Growth chambers

Model	CS-LR
Shaking motion	Switchable Reciprocal/Orbital shaking
Shaking speed/width	15 to 200r/min, 25mm (can be changed to 20mm) (*1)
Platform dimensions	300 x 200mm
Ambient temp./Humidity	0°C to 50°C/Up to 95%
Maximum load	Approx. 2kg (Optional platforms and vessel holders not included)
Dimensions (W x D x H)	Main unit: 300 x 240 x 129mm/Controller: 125 x 30 x 70mm
Weight	Main unit: Approx. 7kg/Controller: Approx. 0.5kg
Power supply	AC100 to 240V/1A

(*1) Ask our/TAITEC distributor if you would like.

Optional accesories: Shaking platform (for detail, see p.055)

Product Name / Model	Example of Capacity
Universal shaking platform MT-2030 (*1)	100mL Erlenmeyer flask x 12, 250mL x 6, 300mL x 6, 500mL x 3
Universal shaking platform for CS-LR MT-3636 (*1,2)	100/200/250mL Erlenmeyer flask x 18, 300/500mL x 9, 1L x 5
Two-tier shaking platform WR-2030 (*3)	6cm dish x 24, 50mL TC flask x 12
Large-size shaking platform WR-3636LR	6cm dish x 36, 40mL TC flask x 28
Spring net shaking platform MR-2030	50mL disposable centrifuge tube x 24

(*1) Clamps are available as an option.

(*2) MT-3636 is specifically designed platform for CS-LR. Be sure be used below 160r/min.

(*3) Stick sheet ST-2030 (option) is required to prevent slipping. Optional shaking platforms are not processed with antibacterially processing.

Optional accesories: Clamps

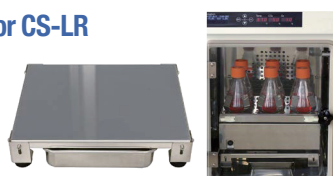
Model	CF-0100	CF-0250	CF-0300	CF-0500
Erlenmeyer flasks	100mL	250mL	300mL	500mL

Optional accesory: Stand for CS-LR

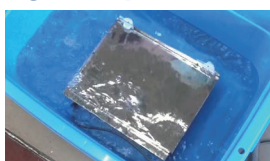
Model	CS-3024
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The stand that CS-LR can be placed to straddle Humidity Pan inside MG-70/71 series.

•Not come with Humidity Pan.



High waterproof with stands submergence test



It has high waterproof performance that past the submersion test for 30 minutes and running test for 5 minutes in the performance test at development. *The test not guaranteed it for use in water.

Separated controller



Enables to control shaking speed etc. remotely by installation put away from the unit (Cable 2m). By that the operation part is not adversely affected in a harsh environment such as a low temperature incubator or high humidity in CO₂ Incubator.

Switchable Reciprocal/Orbital shaking according to the shape of vessels.

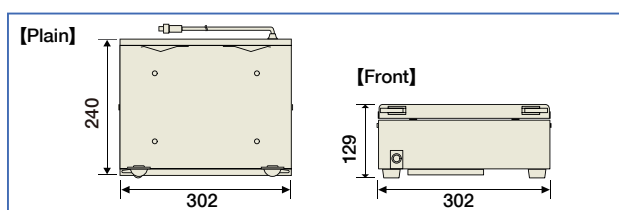
The shaking motion can be switched between such as reciprocal shaking at low speed for Petri dishes and orbital shaking for Erlenmeyer flasks. Shakes accurately even low speed. As the speed of shaking gradually rises from a low speed, good effective on reducing stress on the samples.

Cleanly stainless steel exterior and antibacterially processed platform

The exterior made of stainless steel clean. Plus the platform processed with KENIFINE that drastically suppresses the growth of bacteria/alga/mold/virus when the culture medium is spilled or water droplets are adhered.

*KENIFINE is made by Kobe Steel, Ltd. (Japanese corporation).

Dimensions



Selection guide
 Constant temperature incubator shaker
 CO₂ incubator shaker
 Shaker
 Mixer Rotator Stirrer
 Bead beater homogenizer Ultrasonic homogenizer
 Aluminum block bath Minimize bath
 Water bath Shaking water bath Immersion cooler
 Hybridation oven Constant temperature chamber
 Centrifugal concentrator Cold trap
 Freeze dryer
 Electrophoresis and Blotting apparatus
 Constant temperature water circulating system [Chiller]

Appendix