

Rotator RT-5N/RT-50N

*Simple operation that anyone can use.
Non-direct drive ensures stable rotation speed from low to high speed.*

•Equipment with temperature control and capable of Inverting stir --> P.150-151 •Constant temperature chambers --> P.154-156

Features

- Standard size, 2 models by difference in speed
- Secure operation even inside refrigerators and low temp. rooms
- Vessel holders are available as an option

Applications

- ImmunoPrecipitation in refrigerators or cold rooms
- Extraction of Genomic DNA
- Culture of Microbe and Plant cells in incubators

2 models by difference in speed

RT-5N has a rotational speed range of 0.5 to 5 r/min, and RT-50N has a range of 5 to 50 r/min. Please select according to your application.

Variable tilt angle

The angle can be varied in 7 steps of 0, 15, 30, 45, 60, 75, and 90° to fix it firmly in place. Inverting stir and rotation can be performed at the optimum angle suitable for the vessels and holders.



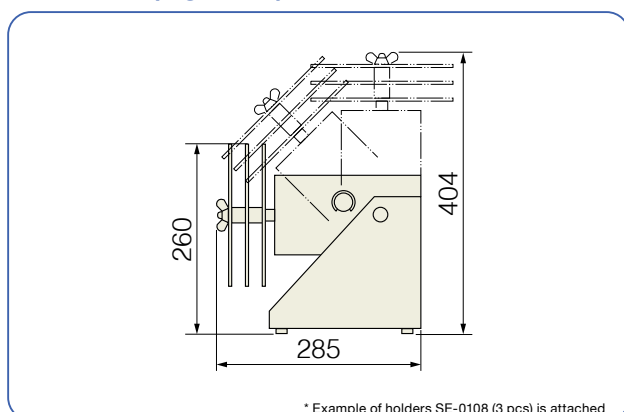
Renewal and increase the number of capacities, up to 3 pcs of holders.

Renewed design allows up to 3 vessel holders to be attached. Compact design while maintaining capacity. It can also be used in a constant temperature chamber. (Refer to the optional accessories list on the lower right for the maximum number of holders that can be attached.)

Stable rotational speed

Feedback control of the motor provides stable rotational speed with good reproducibility even at low speeds.

Dimensions (Right side)



RT-50N with Vessel holders
(RT-5N same as RT-50N in shape)

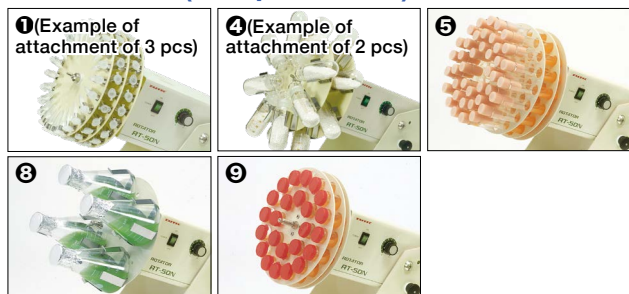
We can design customized holders compatible with your vessels.

Model	RT-5N	RT-50N
Rotational speed	0.5 to 5 r/min	5 to 50 r/min
Angle variable range	Variable in 7 steps of 0, 15, 30, 45, 60, 75, and 90°	
Ambient temperature	+4°C to +50°C	
Dimensions(WxDxH)	200 × 285 × 260 mm (*)	
Weight	Approx. 4.3 kg (*)	
Power supply	AC100V / 0.3A (Need a step-down transformer)	
Standard accessories	Fuse×1 pc, Fixed nut for holders×1 pc, Spaces×2 pcs, Resin collar×1 pc, Power cord×1 pc	

(*)When 3 pcs of holders are attached at tilt angle 0°

•The vessel holder is common with the former RT-5/50 and is not compatible with the vessel holder for RT-30mini.

Optional accessories for RT-5N/50N: Vessel holders (dia. up to 200 mm)



Model	Vessels/Capacity/Remarks	Qty. of attachment on RT
①SE-0108	1.5/2.0 mL Microtube × 24 (Inverting stir)	Up to 3
②SE-1315	φ13 to 15 mm tube × 24 (Inverting stir)	
③SE-1800	15 mL tube (φ17 × 120 Lmm) × 16 (Inverting stir)	Up to 2
④SE-3500	50 mL tube (φ29 × 115 Lmm) × 8 (Inverting stir)	
⑤SA-1811	φ18 mm × 110 mm test tube × 41 (Rotation)	1
⑥SA-2511	φ25 mm × 110 mm test tube × 24 (Rotation)	
⑦SC-0100	100 mL Erlenmeyer flask × 5 (Rotation)	
⑧SC-0200	200 mL Erlenmeyer flask × 4 (Rotation)	
⑨SD-2550	φ25 mm × 50 mm vial × 24 (Rotation)	

•Holders other than those listed above can also be custom-made. Please contact us with a sample vessel.

NEW

Constant temperature incubator/shaker
OD Monitor

For cell culture related products

Shaker

Mixer Rotator Stirrer

Bead beater homogenizer Ultrasonic homogenizer

Aluminum block Bath Mini-size Bath

Water bath Spiking Water bath Immersion cooler

Hybridization Incubator Constant temperature Chambers

Centrifugal Concentrators Cold Trap

Freeze dryers

Submarine Electrophoresis apparatus Blotting device for hybridization

Constant-temperature water circulating system [Chilled]

Appendix