

NEW

Maximizer MBR-022R/K

Optimum for Well plate, Microtube rack, and Vial. For Type R, it is possible to control Temp below R.T. For Multi-specimen processing that requires high-speed micro vibrations.

•Without temp. control "Micro mixer E-022" --> P.062



MBR-022R

MBR-022K

Please prepare an electrical adapter compatible with your country for use.

Model	MBR-022R	MBR-022K
Temperature range (*1)	+15°C to +60°C	+7°C above RT to +60°C
Temp. control accuracy (*2)	±0.5°C to ±1.0°C	
Shaking motion	Horizontal eccentric shaking (S-Max drive)	
Speed range	300 to 2500 r/min	
Capacity	Well plate x2pcs Microtube rack (24 pcs) x2pcs	
Ambient temp. range	+5°C to +35°C	
Heating cooling method	Peltier element	Heater unit (for heating only)
Display (Temp./Speed)	Digital display	
Safety devices/functions	Fuse, high temperature, braking when hood open, motor overload, motor overvoltage, sample protection alarm (high/low temperature), non-volatile memory error, sensor disconnection diagnosis, auto-tuning error, alarm setting error, speed limit error, out-of-range display/measurement error	
Dimensions (W × D × H)	244 × 417 × 240 mm	244 × 392 × 240 mm
Weight	Approx. 15 kg	Approx. 13 kg
Power supply	AC100V to 240 V	
Standard accessories	Power cable x1pc, plate adapter x1pc, fuse x1pc, drain tray x1pc	

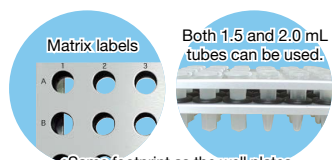
(*1) The limits on the temperature range are the room temperature minus 7°C for cooling and plus 40°C for heating. (*2) The value at the ambient temperature is 25°C as the standard.

• Since it is designed for 96-well plate, the agitating effectiveness will be different when using different well sizes such as 24-well and 384-well plate.

Optional parts: Microtube racks/Vial rack



EM-1524



- Same footprint as the well plates
- EM-1524 can be used for both 1.5 and 2.0 mL
- Available as a tube stand

Product Name/Model	Microtube rack		
	EM-0524	EM-1524	EM-1515
Capacity	0.5 mL × 24	1.5/2.0 mL × 24	5.0 mL × 12
Dimensions	126 × 86 × 28.5H mm	126 × 86 × 40.5H mm	126 × 86 × 55.5H mm

• 0.5 and 1.5 mL microtubes must be Eppendorf tubes.

Features

- Optimum for stirring of 96-well plate and/or Microtube
- Enables Shaking culture with 96-deep well plate
- For Type R, Peltier cooling enables temp. control from 15°C

Applications

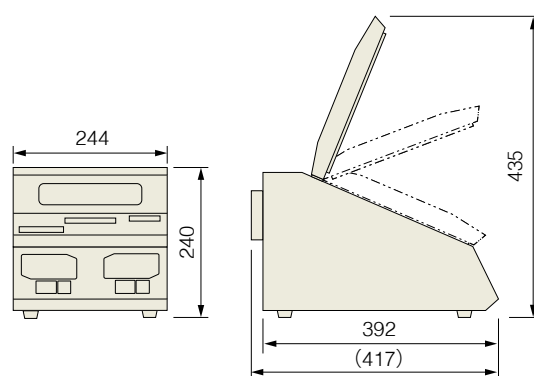
- Shaking culture with Deep-well plate and Microtube rack
- ELISA and Phage display method
- Enzymatic digestion, Biodegradability tests, Metabolome analysis, etc.

The S-Max drive enables highly efficient stirring/culturing

The S-Max drive is a mechanism that improves the accuracy of vibration speed and reduces wobbling in the vertical direction by employing a special rubber and crankshaft structure. It prevents the main unit from moving due to the vibration during operation and also lessens noise. The vibration and noise of the main unit are reduced by 50% or more, as compared with existing devices.

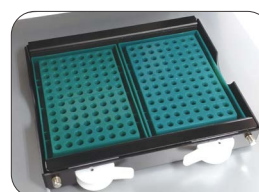


Dimensions



() is MBR-022R

Applicable vessels



When shaking non-skirted PCR plates or semi-skirted well plates, you can use off-the-shelf tube racks for stirring. The vibration speed should be up to 1200 r/min when using them.

(*) Semi-skirted low-profile types cannot be used in this combination.