

NEW

# DWMax VBR-104

Our proprietary technology "New Max drive" enables excellent aeration effectiveness with Max. 500 r/min.  
Optimum for bacteriophage culture and small-scale cultivation.



## Features

- Excellent aeration effectiveness
- Suitable for small Erlenmeyer flask, Centrifuge tube, and Microtube
- Compact bench-top unit is easy to handle

## Applications

- Cultivation of Bacteriophage
- Cultivation of Microbes such as E. coli
- Solubility test for Refractory

### Easy to detach from the platform. Plenty of variations.

Comes with Sticky sheet, Spring net shaking platform, and Universal shaking platform. Other optional parts are available.

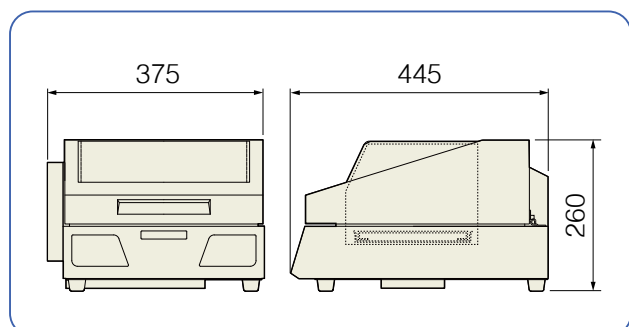
### Our proprietary technology "New Max drive" enables great stirring effectiveness to preventing wobbling.

A shaker can synergistically generate the wobble by its vibration and the wobbling of the platform by inertia. The wobble can sometimes decrease the effectiveness of shaking and stirring. The New Max drive can realize less wobbling of the shaker. For example, we obtained dramatic effectiveness in which the variation between wells in the cultivation by using deep wells improved (see the P.024).

Model	VBR-104
Temperature range (*1)	+8°C above RT to +60°C
Temp. control accuracy (*2)	±0.5°C to ±1.0°C
Shaking motion	Orbital shaking
Speed range	50 to 500 r/min
Platform size	240 x 200 mm (Max. inside height: 168 mm)
Ambient temp. range	+5°C to +30°C
Heating method	Heater 80 W
Safety devices/functions	Fuse, Self-diagnosis function for temp. control error, Braking when hood open, Motor overload/Over-voltage protection
Dimensions (W x D x H)	375 x 445 x 260 mm
Maximum load	1 kg (Platform included)
Weight	Approx. 20 kg
Power supply	AC100V-240V/2A (universal power supply)
Standard accessories	Sticky sheet x1pc

(\*1) It may not reach the maximum temperature by the surroundings. (\*2) The value at the ambient temperature of 25°C.

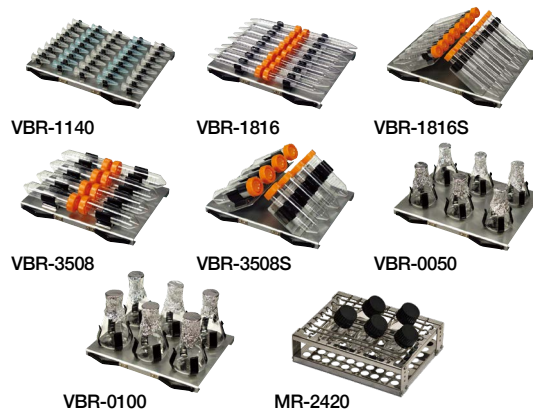
## Dimensions



Spring net shaking platform  
MR-2420 (Optional)



## Optional parts: Platforms



Product Name/Model	Capacity of Vessels
Shaking platform for 1.5 mL Microtube VBR-1140	1.5/2 mL Microtube x 40
Horizontal shaking platform for 15 mL centrifuge tube VBR-1816	15 mL disposable tube x 16
Diagonal shaking platform table for 15 mL centrifuge tube VBR-1816S	15 mL disposable tube x 16
Horizontal shaking platform for 50 mL centrifuge tube VBR-3508	50 mL disposable tube x 8
Diagonal shaking platform table for 50 mL centrifuge tube VBR-3508S	50 mL disposable tube x 8
Shaking platform for 50 mL Erlenmeyer flask VBR-0050	50 mL Erlenmeyer flask x 6
Shaking platform for 100 mL Erlenmeyer flask VBR-0100	100 mL Erlenmeyer flask x 6
Spring net shaking platform MR-2420	100 mL Erlenmeyer flask x 6