

Operations Manual

Item: BR5404 (-E) QuadRocker™ 4-Platform Rocker



Benchmark's QuadRocker is a quiet, high-capacity platform rocker with adjustable speed and tilt angle. With the ability to accept up to 4 platforms, the QuadRocker offers a large workspace and is ideal for most high-throughput rocking applications, including blot washing, gel staining, and de-staining. The QuadRocker will operate in cold rooms down to 2°C and in incubators up to 50°C and is rated for continuous use.

I. Specifications:

Speed: 3 to 80rpm
Tilt Angle: Adjustable, 6 to +/-22° tilt
Timer: 1 min. to 100 hrs., increments by 1 min. or continuous
Platform: 16 x 12in. / 40.6 x 30.0cm
Load Capacity: 12 lbs total
Dimensions (wxdxh) 16 x 13.5 x 17.5 in. / 40.6 x 34.3 x 44.5 cm
Weight: 27 lbs / 12 kg
Electrical: 120V, 60HZ / 230V, 50Hz
Warranty: 2 years
Operating environment: 2°C to 50°C

II. Product Set-Up:

Place the rocker on a clean, flat, stable surface. Plug the rocker into a properly grounded outlet. Check to ensure proper clearance, and that nothing blocks the up and down rocking action of the platform. Turn the rocker on by turning the on/off switch on the back of the unit.

II(a). Included Parts, Platform Set-Up

#	Quantity	Part
A	3	Additional Platforms
B	2	Support Beam 
C	1	Connecting Beam 
D	6	Screw (small)
E	10	Thumb screw (large)
F	9	Hex Nut and Lock Washer
G	1	1/8" Allen Wrench

II(b). Platform Set-Up:

Install the vertical side support beams (B) on either side of the unit, with the included metal screws (D, 3 each side) and 1/8" Allen wrench (G). To install platforms, align the center of the shorter side of the platforms with the holes on the support beams. Ensure that the aligned hole on the left support beam corresponds to the aligned hole on the right support beam. Install platform (A) to support beams via thumb screws (E), lock washer and hex nut (F). Turn thumb screw until finger tight. Repeat for both sides. Repeat for each platform. After platforms are installed, install connecting beam (C) to the back right corner of the rocker platforms via thumb screws, lock washers, and hex nuts. Note: installing bottom of connecting beam to the first platform will not require a washer or hex nut. Please consult the image to ensure installation was completed correctly.



III. Product Operation:

Load the platform from the center out, making sure the items placed on the platform create a balanced load around the centerline of the platform. This is important as large, overhung platform loads may cause the rocker to tip over.

Turn the rocker on by turning the on/off switch on the back of the unit. To adjust the rocking speed and/or set time, press the "Speed" or "Timer" button. Once speed or time has been selected, the value flashes and the up/down buttons can be used to select the desired value. For continuous operation, press the "Time/Mode" button to select "Cont".

Once the desired speed and time values have been selected, press the "Start/Stop" button to start the rocker. The rocker will now continue to run until the set time has expired, or the user presses the "Start/Stop" button.

IV. Tilt Angle Adjustment:

BEFORE ADJUSTING TILT: Ensure rocker is OFF and unplugged to avoid injury.

The tilt angle is adjusted at the back of the unit. First, remove all 4 screws holding the safety shield in place with the included Allen wrench. Remove the safety shield from the unit. Loosen the tilt adjustment screw located behind the safety shield until the screw can be slid. Do not excessively loosen or remove the tilt adjustment screw. Sliding the black adjustment bar will increase or decrease the platform tilt angle. Once the platform angle is selected, re-tighten the tilt angle adjustment screw with the Allen wrench. **VERY IMPORTANT!** Reinstall the safety shield. The safety shield is used to keep fingers out of the rotating mechanism.

V. Maintenance and Service:

No routine maintenance is required other than to keep the unit clean. Cleaning can be done with a damp cloth. Avoid the use of solvents as they may damage the product housing.



In the event that service or technical support is required, please contact **Benchmark** by phone at **1-908-769-5555** or by email at info@benchmarkscientific.com.