

Operations Manual

Item: BR5000 (-E) Everlast™ 247 Digital Rocker



Benchmark's EverLast 247 Rocker is a quiet, high capacity, platform rocker with adjustable speed and tilt angle. The EverLast 247 is a multi-purpose rocker serving most "see-saw" type rocking applications. It is ideal for blot washing and gel staining and de-staining. The instrument has a 4.45kg (12lb) load capacity, comes with a non-skid rubber mat. An optional stacking platform is also available (BR5000-STACK). The EverLast Rocker will operate in cold rooms down to 0°C and in incubators up to 55°C.

I. Specifications:

Speed:	5 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 (5.45kg)
Dimensions (wxhxd):	16 x 13.5 x 8 in. / 34.2 x 40.6 x 20.3cm
Weight:	19.4 lbs. (8.8kg)
Electrical:	120V, 60HZ / 230V, 50Hz
Warranty:	5 years
Operating environment:	0°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 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.

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:

The tilt angle is adjusted at the back of the unit. First loosen the Safety Shield knob and move the Safety Shield aside to gain access to the tilt adjustment screw. Loosen the tilt adjustment screw with the 2.5mm hex Allen wrench provided with the unit. 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!** Position the safety shield so that it is centered over the black oval adjustment bar, then hand tighten the Safety Shield knob. The safety shield is used to keep fingers out of the rotating mechanism.



Tilt angle adjustment



*Additional Stacking Platform (sold separately)

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.

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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.