

EverLast™ 247 Variable Speed/Angle Platform Rocker Model BR5000 Instruction Manual

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 7.5kg (16lb) 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 65°C.

I. Product Specifications:

Speed: User adjustable from 3rpm to 80rpm

Tilt angle: User adjustable from 0 to +/-20 degrees tilt

Platform: 40.6 x 30.0 cm (16" x 12")

Load Capacity: 7.5kg (16 lbs) centered and balanced on the platform

Dimensions: wxdxh 40.5x33 x15.25 cm (16x13x6")

Weight: 9kg (20lbs)

Electrical: 115VAC, 50-60Hz, 50W (Model BR5000)

230VAC, 50-60Hz, 50W (Model BR5000-E) CE compliant

Operating environment: 0°C (cold room) to 65°C (incubator)

Warranty: 5 years

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 control knob clockwise past the first stop.

III. Product Operation:

Load the platform from the center out, making sure the items placed on the platform create a balanced load around the center line of the platform. This is important as large, overhung platform loads may cause the rocker to tip over. Turn the unit on by activating the ON/OFF switch so that it is illuminated. Rotate the Speed Control knob clockwise to set the desired rocking speed.

IV. Tilt Angle Adjustment:

The tilt angle is adjusted from the back of the instrument. First remove the L shaped bracket by removing the two screws. On the back side of the bracket is the adjustment tool. Please keep this tool handy as it will be useful in a few moments. Once the bracket has been removed, turn on the shaker until the inner hole lines up with the outer housing hole (see image below). Once properly aligned, power off the machine and insert the adjustment screw into this hole. While holding the adjustment tool steady, loosen the wing nut and slide the tilt adjustment rod to adjust the tilt. Once the desired tilt is selected, tighten the wing nut, remove the adjustment tool and reattach the bracket.



V. Care and Maintenance:

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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