



VWR 2D Rocker, Analog (Item: 75832-308) Instruction Manual

The VWR Scientific 2D Rocker Variable is a quiet, high capacity, platform rocker with an adjustable speed and tilt angle. The VWR 2D Rocker is a multi-purpose instrument serving most see-saw type rocking applications. It is ideal for blot washing and gel staining and de-staining. The variable speed rocker has a 2.0kg (4.4lb) load capacity, comes with a flat, non-skid rubber mat and has stacking platform and dimpled mat accessories. The VWR 2D Rocker will operate in cold rooms down to 4C and in incubators up to 45C.

I. Product Specifications:

Speed: User adjustable from 2rpm to 30rpm (4 tilts per minute to 60 tilts per minute)
Tilt angle: User adjustable from 0 to +/-30 degrees tilt
Motor: Electronically controlled brushless gear motor (no carbon brushes to replace)
Platform: 14" x 12" (356 x 300mm) with 3 tie down points on each side
Load Capacity: 4.4 lbs (2kg) centered and balanced on the platform
Dimensions (wxdxh): 14 x 12 x 6.5in (356 x 300 x 165mm) Max tilt height is 9.5" (241mm)
Weight: 7.4lb (3.4kg) Mat: Flat, non-skid, black, autoclavable
Electrical: 115VAC, 60Hz, 0.24 amps, 230VAC, 50Hz, 0.12 amps
Operating environment: 4C (cold room) to 45C (incubator) Warranty: 5 years

II. Product Set-Up:

Place the rocker on a clean, flat, stable surface. Make sure that the power switch is in the OFF (not illuminated) position. Set the unit to the desired tilt angle (see below). Plug the rocker into a properly grounded outlet. Check that nothing blocks the up and down rocking action of the platform. **Set the Speed Control knob to the lowest speed setting (full counter clock wise).**

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 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 oval 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 help keep fingers out of the rotating mechanism.

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 attack the product housing.