



## Operations Manual

Item: M2100 (-E)

V1.0

TubeRocker

See Saw Rocker



### Introduction:

Benchmark's TubeRocker Mini is a compact, quiet rocker whose speed and tilt angle have been optimized for sample mixing. The rocker can also be used for general purpose lab mixing with a full 1.5kg (3.2 lbs) load capacity. The rocker will operate in cold rooms down to 4°C and in incubators up to 65°C.

### I. Specifications:

**Speed:** Fixed at 24 RPM (20rpm for 230V models)

**Tilt angle:** +/-30 degrees from horizontal

**Motor:** Electronically controlled brushless gear motor (no carbon brushes to replace)

**Platform:** 30.0 x 11.4 cm (12" x 4.5")

**Load Capacity:** 1.5kg (3 lbs) centered and balanced

**Dimensions:** wxdxh 34.3x13.5x18 cm (13.5x5.3x7")

**Weight:** 2kg (64bs)

**Mat:** Grooved tube mat, autoclavable

**Electrical:** 115VAC, 60Hz, 0.4 amps (BR1000)

230VAC, 50Hz, 0.2 amps (BR1000-230)

**Operating environment:** 4°C (cold room) to 65°C

**Warranty:** 2 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. Plug the rocker into a properly grounded outlet. Check that nothing blocks the up and down rocking action of the platform.

### 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.

### IV. 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.

### Service and Contact:

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](mailto:info@benchmarkscientific.com).



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