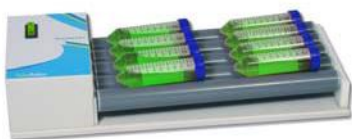


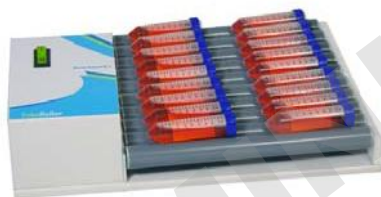


**Operations Manual**  
**Item: R3005 & R3010**  
**V1.0**

**TubeRoller**  
**Tube and Bottle Roller**



R3005



R3010

**Introduction:**

Benchmark's TubeRoller is a compact, quiet roller with the optimized rolling speed and tilt for sample mixing. The roller will operate in cold rooms down to 4°C and in incubators up to 40°C.

**I. Specifications:**

**Speed:** fixed at 38rpm (+/- 10%)

**Tilt angle:** +/-5 degrees

**Motion:** Simultaneous roll and tilt

**Dimensions:** (wxdxh)

R3005: 45 x 18 x 9 cm (18 x 7 x 3.5")

R3010: 45 x 36 x 9 cm (18 x 14 x 3.5")

**Number of rollers:** R3005: 5 R3010: 10

**Vessels Accepted:** 8mm to 200mm diameter

**Roller Spacing:** 5mm (rollers are on 35mm centers)

**Weight:** R3005: 5kg (11 lbs) R3010: 8kg (17.6lbs)

**Electrical:** 115VAC, 60Hz  
230VAC, 50Hz CE compliant

**Operating environment:** 4°C (cold room) to 40°C (incubator)

**Warranty:** 2 years

**II. Product Set-Up:**

Place the roller on a clean, flat, stable surface. Make sure that the power switch is in the OFF (not illuminated) position. Plug the roller 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 form a balanced load around the center line of the platform. Turn the unit on by activating the ON/OFF switch so that it is illuminated. The roller will begin to roll and rock simultaneously.

**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).

