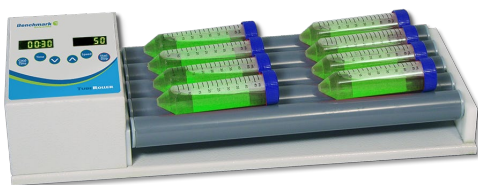




Operations Manual Item: R3005 & R3010 V2.0

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 Range: 2 to 80 rpm

Speed Increment: 1 rpm

Tilt angle: +/-5 degrees

Motion: Simultaneous roll and tilt

Timer: 1 min to 100 hours or continuous mode

Dimensions: (w x d x h)

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: 8 mm to 200 mm diameter

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

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

Electrical: 100 – 240VAC, 50/60Hz

Universal Voltage, 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 on the back of the unit is in the OFF position. Plug the roller into a properly grounded outlet.

Always ensure that there is nothing blocking 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 pressing the ON/OFF switch. The display illuminates.

To set the mixing speed, press the "SPEED" button on the display. Then use the up and down arrow buttons to set the desired mixing speed.

To set the run time, press the "TIME" button on the display. Then use the up and down arrow buttons to set the desired run time.

IV. Care and Maintenance:

No routine maintenance is required other than to keep the unit clean. Cleaning can be done with a 70% isopropyl solution or gentle cleaning solution. Avoid the use of strong 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.