



CE

- + Adjustable speed and tilt
- + Reversing mode for increased agitation
- + Cold room and incubator safe
- + Includes three rotisseries for all common tube sizes

**Included Rotisseries:**



48 x 1.5/2.0ml  
(48 x 10-14mm Ø tubes)



20 x 15ml  
(20 x 15-20mm Ø tubes)



12 x 50ml  
(12 x 25-35mm Ø tubes)

The Benchmark Rotating Mixer provides gentle to vigorous mixing of laboratory samples up to 50ml. With adjustable speed control and tilt angle, the Rotating Mixer is ideal for a variety of applications, from mixing blood samples to the preparation of homogenous dispersions.

Three rotisserie tube holders are included for mixing all common laboratory sample tubes and each individual tube holder is constructed of rubber coated steel to provide a secure grip, preventing any “wobble” or loosening during mixing at high speeds.

A unique reversing mode is selectable for more intense mixing. In reversing mode, the mixer rotates for up to 360° then stops and rotates in the reverse direction. This back and forth motion occurs repeatedly until the set time has expired.

With included accessories and unique mixing options, Benchmark’s Rotating Mixer offers increased flexibility that is not commonly found with traditional laboratory rotators.

**Technical Data:**

Speed:	<b>1 to 40rpm</b>
Tilt Angle:	<b>0 to 90° (vertical to horizontal)</b>
Capacity:	<b>12x50ml, 20x15ml or 48x2.0ml</b>
Timer:	<b>1 sec. to 9 hrs or continuous</b>
Exterior Dimensions: (W x D x H)	<b>8.25 x 10.5 x 12.5 in. 21 x 27 x 32 cm</b>
Operating Temp. Range:	<b>+4° to +65°C</b>
Weight:	<b>7 lbs (3.2kg)</b>
Electrical:	<b>Universal Voltage 100 to 240V, 50-60Hz, 25W</b>
Warranty:	<b>2 Years</b>

**Ordering Information:**

Item No.	Description:
R5010*	Benchmark Rotating Mixer, Includes three rotisserie tube holders for 1.5/2.0, 15 and 50ml tubes

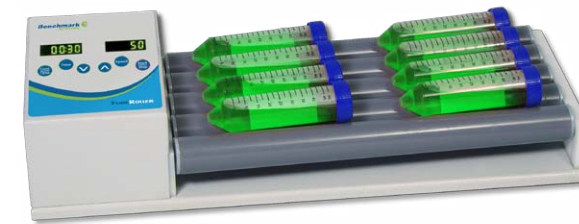
\*Includes US plug. For EU plug, please add (-E).



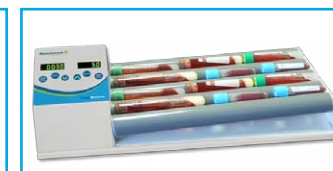
R3010

CE

- + Gentle rolling motion
- + Smooth 5° tilting motion
- + Accepts tubes and bottles from 8mm to 200mm



R3005



Benchmark TubeRollers are designed for the gentle, thorough mixing of a variety of containers, including Vacutainers™, bottles, test tubes, centrifuge tubes and roller bottles. Both models (5 roller and 10 roller) provide adjustable speed control up to 80 rpm, for a broad range of mixing applications.

As the roller mechanism rotates through each complete revolution, the right side of each roller is gently elevated approximately 0.5 in (13mm) and returns to the horizontal starting position. This additional, gentle up/down motion provides a “wave” effect and guarantees that the entire sample is subjected to complete, thorough mixing, end to end. This built in tilt feature provides a level of homogeneous mixing uniformity that can not be matched by any stationary roller apparatus.

From blood collection tubes to roller bottles, Benchmark TubeRollers are the ideal choice for research, clinical laboratories and doctors’ offices.

**Technical Data:**

Speed:	<b>Variable, 2 to 80rpm</b>	
Motion:	<b>Simultaneous roll &amp; tilt (±5°)</b>	
Operating Temp:	<b>4°C to 40°C</b>	
Individual Roller Dims:	<b>1.2 x 12.5 in. / 3 x 32cm</b>	
Vessels Accepted:	<b>8mm to 200mm diameter</b>	
Roller Spacing:	<b>5mm, on 35mm centers</b>	
Electrical:	<b>115 or 230V, 50-60Hz, 50W</b>	
Load Capacity:	<b>2kg</b>	<b>4kg</b>
	<b>R3005</b>	<b>R3010</b>
Number of Rollers:	<b>5</b>	<b>10</b>
Dimensions (W x D x H):	<b>18 x 7 x 3.5 in. 45 x 18 x 9 cm</b>	<b>18 x 14 x 3.5 in. 45 x 36 x 9 cm</b>
Weight:	<b>11 lbs (5kg)</b>	<b>17.6 lbs (8kg)</b>
Warranty:	<b>2 years</b>	<b>2 years</b>

**Typical Sample Load Capacity:**

Vessel	R3005	R3010
12 x 75mm tubes	12	26
16 x 100mm tubes	8	18
16 x 125mm tubes	8	18
15ml screw cap tubes	8	18
50ml screw cap tubes	8	18
850cm <sup>2</sup> roller bottles	1	2

**Ordering Information:**

Item No.	Description:
R3005*	TubeRoller with 5 rollers
R3010*	TubeRoller with 10 rollers

\*115V with US plug. For 230V (EU plug), please add (-E).