

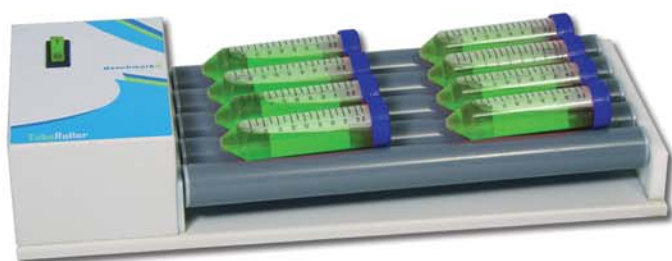
TUBE ROLLER

TILTING ROLLER FOR TUBES AND BOTTLES

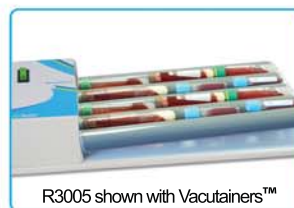


R3010

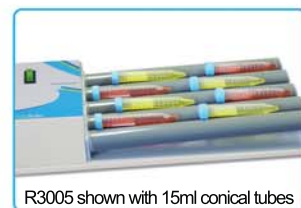
- + Gentle rolling motion
- + Smooth +/- 5° tilt action
- + For tubes/bottles from 8mm to 200mm diameter



R3005



R3005 shown with Vacutainers™



R3005 shown with 15ml conical tubes

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) operate at a constant 38rpm, chosen as the optimum speed for the broadest range of mixing requirements.

As the roller mechanism rotates through each complete revolution, the right side of each roller is gently elevated about 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.

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 ² roller bottles | 1 | 2 |

Technical Data

| | | |
|-----------------|--------------------------------------|--|
| Speed: | Fixed, 38 rpm (+/-10%) | |
| Motion: | Simultaneous roll & tilt (+/- 5°) | |
| Operating Temp: | +4° to 40°C (external ambient temp.) | |

| | R3005 | R3010 |
|--------------------|--------------|----------------|
| Number of Rollers: | 5 | 10 |
| Dimensions (cm): | 45 x 18 x 9 | 45 x 36 x 9 |
| Dimensions (in): | 18 x 7 x 3.5 | 18 x 14 x 3.5 |
| Weight: | 5kg / 11 lbs | 8kg / 17.6 lbs |

| | | |
|--------------------------|----------------------------------|--|
| Individual Roller Dims.: | 3 x 32 cm (1.2 x 12.5 in) | |
| Vessels Accepted: | 8mm to 200mm diameter | |
| Roller Spacing: | 5mm; rollers are on 35mm centers | |
| Electrical: | 120V, 60Hz or 230V, 50-60Hz | |
| Warranty: | 2 years | |

Ordering Information

R3005* TubeRoller with 5 rollers, 115V
R3010* TubeRoller with 10 rollers, 115V

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

Benchmark Scientific

PO Box 709
Edison, NJ 08818
Phone: 908-769-5555
Fax: 908-222-1864

Web: www.BenchmarkScientific.com
Email: Info@BenchmarkScientific.com