

Biozym
SCIENCE IS OUR BUSINESS

Benchmark

Roto-THERM™

TUBE ROTATORS AND INCUBATED TUBE ROTATORS

Rotated mixing with temperature control

Includes tube holders for common tube sizes

**Available with variable speed control
and advanced shaking/mixing modes:**

- **Mix (Oscillating)**
- **Pause**
- **Rock**






Roto-Mini™
Rotator Series



Roto-THERM™
Incubated Rotator Series



	Roto-Mini	Roto-Mini PLUS	Roto-THERM	Roto-THERM PLUS
				
Item No.	55R2020	55R2024	55H2020	55H2024
Temperature	N/A	N/A	Ambient +5° to 60°C	Ambient +5° to 60°C
Speed	24rpm	5 to 70rpm	24rpm	5 to 70rpm
Mixing Modes	N/A	Mix, Pause and Rock	N/A	Mix, Pause and Rock
Dimensions	10.8 x 6 x 6.5 in 27.5 x 15.2 x 16.5 cm	10.8 x 6 x 6.5 in 27.5 x 15.2 x 16.5 cm	11.6 x 8.5 x 9 in 29.5 x 21.6 x 22.9 cm	11.6 x 8.5 x 9 in 29.5 x 21.6 x 22.9 cm
Weight	3 lbs (1.4 kg)	3 lbs (1.4 kg)	9 lbs (4 kg)	10 lbs (4.5 kg)

Benchmark's new **Roto-Mini** and **Roto-Therm** series of rotating mixers provide a wide range of mixing capabilities. Suitable for an array of laboratory applications including resuspension, protein binding, nucleic acid purification, histochemistry, hybridization etc, the mixers include interchangeable tube holders for accommodating all common tube sizes from 0.5ml to 50ml. The motion can be adjusted from vertical (end over end) mixing, to horizontal (rolling or hybridization style) mixing.

For applications requiring temperature control, the Roto-Therm series can be digitally programmed to maintain chamber temperatures of ambient +5°C to 60°C and include an "in-lab" calibration function for ensuring accurate temperature control. For applications where temperature control is not required, the economical Roto-Mini models are available.

Both the Roto-Therm and Roto-Mini rotators are available in the **"Plus"** configuration. The **Plus** models provide the following additional features:

Variable speed: 5 to 70rpm
"Mix" function: Rotating in combination w/ oscillations (increased mixing)
"Pause" function: Rotating with intermittent "stops" during rotation
"Rock" function: Back and forth, gentle rocking motion (see-saw)

The **Plus** models also offer an additional rocking platform (4.5 x 3 in.), as well as a 96 x 0.2ml tube/strip/plate holder for mixing PCR vessels in the "Mix" (oscillating) mode.



Included Tube Holders:

55R2020-1520



11 x 1.5/2.0ml

55R2020-0507



5 x 5-7ml (12-13mm)

55R2020-150



5 x 10/15ml (16-17mm)*
*4x15ml capacity in RotoTherm models

55R2020-500



6 x 50ml & 24 x 0.5ml

Optional Tube Holders:

55R2020-PCR



96 x 0.2ml

55R2020-RP



Mini Rocking Platform

Ordering Information

55R2020-E	Roto-Mini Rotator, Fixed Speed incl. tube holders (55R2020-1520, 55R2020-5070, 55R2020-150, 55R2020-500)
55R2024-E	Roto-Mini Plus, Variable Speed Rotator incl. tube holders (55R2020-1520, 55R2020-5070, 55R2020-150, 55R2020-500)
55H2020-E	Roto-Therm Incubated Rotator, Fixed Speed incl. tube holders (55R2020-1520, 55R2020-5070, 55R2020-150, 55R2020-500)
55H2024-E	Roto-Therm Plus Incubated Rotator, Variable Speed incl. tube holders (55R2020-1520, 55R2020-5070, 55R2020-150, 55R2020-500)
55R2020-1520	Tube Holder, 11 x 1.5/2.0ml, 2 Stück
55R2020-0507	Tube Holder, 5 x 5-7ml, 2 Stück
55R2020-150	Tube Holder, 4 x 10-15ml, 2 Stück
55R2020-500	Tube Holder, 6 x 50 ml, 1 Stück
55R2020-RP	Mini rocking platform with rubber mat 11,4 x 7,6 cm, 1 Stück
55R2020-PCR	Tube Holder, 96 x 0.2 ml, (nur für 55R2024-E und 55H2024-E) 12 PCR stripes or one PCR Plate, 1 Stück

Included Tube Holders

- 11 x 1.5/0.2ml (pack of 2)
 - 5 x 5-7ml (pack of 2)
 - 4 x 10-15ml (pack of 2)
 - 6 x 50ml* (pack of 2)
- *Also accepts 24 x 0.5ml

Maximum Tube Capacity:

0.2ml	96	5-7ml	20
0.5ml	24	10-15ml	16
1.5/0.2ml	44	50ml	6