



PRODUCT BROCHURE · BENCHMARK SCIENTIFIC

R4040 (RotoBot) pg 1 2 HREM

9 models inside · Mixing & Agitation · Rollers & Rotators



R4040-RP

QUICK VIEW — SERIES AT A GLANCE

9 models in this document from Benchmark Scientific. Full specifications inside.

MODELS IN THIS DOCUMENT

R4040-HZ15 · R4040-HZ50 · R4040-RP · R4040-E ·
R4040 -GROUP ·...

SHIP WEIGHT

6 lb

VOLTAGE

100–240 V, 50–60 Hz (universal-voltage single
SKU)

SOURCING

Authorized U.S. distributor

Distributed by Legacy Lab Supplies

legacylabsupplies.com · (855) 746-7557 / 855-SHOP-LLS · quotes in 24 hours



Benchmark

Roto-Bot™

PROGRAMMABLE ROTATOR



- + Advanced programming with a wide variety of rotational modes
- + Set for full 360° rotation, or interrupt rotations with pausing and mixing intervals
- + Slow rotating to vigorous mixing
- + Cold room and incubator safe
- + Accepts tubes from 1.5 to 50ml
- + Optional rocking platform



Roto-Bot



Roto-Bot Mini



Tube Holder Capacity
& Ordering Information:

Item Number:	R4040-1520	R4040-150	R4040-500	R4040-HZ15	R4040-HZ50
Description:	6 x 1.5ml	1 x 15ml	1 x 50ml	6 x 15ml	6 x 50ml
Tube Diameter:	10 to 13mm	16 to 17mm	28 to 30mm	16 to 17mm	28 to 30mm
Orientation:	Dual*	Vertical	Vertical	Horizontal	Horizontal
Holder Capacity (Mini/Standard):	10 / 16	10 / 22	6 / 12	1 / 2	1 / 2
Tube Capacity (Mini/Standard):	60 / 96	10 / 22	6 / 12	6 / 12	6 / 12
Package Unit:	Pack of 2	Pack of 2	Pack of 2	1 ea.	1 ea.

* The Unique, dual attachment points of the 6 x 1.5ml holder allow for mixing in both the vertical and horizontal orientation.

The RotoBot™ Rotating Mixers feature advanced programming options that far surpass that of the traditional laboratory rotator. With digital speed control and more than 10 operating modes, the RotoBot can be selected to perform a wide variety of rotating, mixing and vibrating actions. In addition, these actions can be combined in succession using the C1 and C2 "Custom Modes", providing the user with a nearly infinite level of programming.

The RotoBot and RotoBot Mini each include an assortment of vertical tube holders. The Mini model is supplied with holders for 12 x 1.5ml tubes, 2 x 15ml & 2 x 50ml tubes; the standard model, 30 x 1.5/2.0ml, 8 x 15ml & 2 x 50ml tubes. For higher capacity applications, more of these holders can be purchased as accessories. In addition, horizontal holders are available for applications such as Western blotting and hybridization. The unique, sliding attachment allows for quick and easy changing of tube holders.



R4040-RP

For rocking applications, a platform with a non-slip rubber mat is available. Once attached, simply select the "PP" mode to turn the rotator into a platform rocker.

Motion Mode Chart:

F1	F2	F3	F4	F5	F6	F7	F8	F9	--	C1 C2	PP*	Key:
										Custom Mode	Platform Rocking Mode	

Technical Data:

Speed Range:	1 to 80rpm
Capacity (R4040):	6 x 50ml, 10 x 15ml or 60 x 1.5ml
Capacity (R4045):	12 x 50ml, 22 x 15ml or 84 x 1.5ml
Timer:	1 sec. to 99 hours 59 min. / Cont.
Dimensions (R4040)	11.4 x 5.4 x 7.8 in / 29 x 13.7 x 19.9cm
W x D x H (R4045)	16.1 x 5.4 x 7.8 in / 41 x 13.7 x 19.9cm
Operating Temp. Range:	+2°C to +70°C
Weight:	4 lbs/1.8 kg (Mini) / 5 lbs/2.27kg (Std.)
Electrical:	100 to 240V, 50-60Hz, 3A

Ordering Information:

R4040* RotoBot Mini with tube holder starter set
Includes 6x1.5ml holders (2ea.)
1x15ml holder (2ea.) & 1 x 50ml holder (2ea)

R4045* RotoBot with with tube holder starter set
Includes 6x1.5ml holders (5ea.)
1x15ml holder (8ea.) & 1x50ml holder (2ea)

R4040-RP Rocking Platform (w/ flat mat) for R4040, 6 x 5.5 in.

R4045-RP2 Rocking Platform (w/ flat mat) for R4040, 6 x 10 in.

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

Benchmark
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