



**RTH-250**  
 Stainless Steel Rotor Body  
 Aluminum Buckets  
 4-Place, 250 ml  
 Tube Dimensions:  
 61 × 124 mm or  
 45 × 132 mm  
 Swinging-Bucket  
 Rotor Mass: 4.7 kg

Buckets	RCF (g)	R (cm)	Speed (rpm)
Max.	2,135	18.67	3,200
Microplate Carriers	RCF (g)	R (cm)	Speed (rpm)
Max.	1,718 <sup>1</sup>	15.02	3,200 <sup>1</sup>

For use in RT7 centrifuge

Catalog No. 76700	Accessories
Includes: RTH-250 Rotor <b>76701</b> Buckets (4 pkgs, 1/pkg) <b>11053</b> Instruction Manual <b>76703</b>	Sealed-Bucket Assembly, <sup>2</sup> 50 ml, <b>11152</b> (See 50 ml Tissue Culture Tube for Adapters Required) Bucket Cover High Heat Polycarbonate <sup>2</sup> <b>11725</b> O-rings (4/pkg) for Bucket Covers, <b>11169</b> Clips (1/pkg) for Bucket Covers, <b>11729</b> Microplate Carrier, <b>11093</b> (3 Microplate Capacity/Carrier or 1 deepwell) Neoprene Pad for Microplate Carriers, <b>11785</b> Booster Block for Tubes shorter than 70 mm, <b>00990</b> Retainer Pad for RIA decanting, 12 × 75 mm, <b>00897</b> Retainer Pad for RIA decanting, 10 × 75 mm, <b>00898</b>

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**TUBES, BOTTLES**

CAPACITY (ml)		DESCRIPTION	MAX SPEED (rpm)	DIMENSIONS (mm)	TUBE CAT. NO. (Qty/Pkg)	SEALING ASSEMBLY*		ADAPTER REQ'D		NOTES
NOMINAL	FILL					CAT. NO. (Qty/Pkg)	DESCRIPTION	CAT. NO. (Qty/Pkg)	NO. OF PLACES	
250	250	Polypropylene Oak Ridge Bottle	3,200	61 × 124	<b>03937</b> (12)	<b>03278</b> (12)	Polypropylene, Sealing	<b>00186</b> (1)	1	Nonsealing Cap <b>03927</b> (12/pkg) available.
250	265	Polycarbonate Oak Ridge Bottle	3,200	61 × 124	<b>03939</b> (12)	<b>03278</b> (12)	Polypropylene, Sealing	<b>00186</b> (1)	1	Nonsealing Cap <b>03927</b> (12/pkg) available.
200	200	Nunc Tissue Culture Bottle, Conical	3,200	60 × 135	<b>03094</b> (4)	—	Polypropylene, Nonsealing	<b>00186</b> (1) and <b>03095</b> (1)	1 1	
150	168	Polycarbonate Thick-Walled Tube	3,200	45 × 132	<b>03143</b> (25)	—	—	<b>00825</b> (1)	1	
50	46	Polypropylene Flanged Tube	3,200	29 × 102	<b>03147</b> (25)	<b>03268</b> (25)	Polypropylene, Snap-on	<b>00438</b> (1)	4	
50	48	Polycarbonate Flanged Tube	3,200	29 × 102	<b>03146</b> (25)	<b>03268</b> (25)	Polypropylene, Snap-on	<b>00438</b> (1)	4	
50	56	Polyallomer Thin-Walled Tube	3,200	28 × 104	<b>03139</b> (25)	—	—	<b>00438</b> (1)	4	
50	41	Polypropylene Oak Ridge Bottle	3,200	28 × 103	<b>03530</b> (25)	<b>03535</b> (25)	Polypropylene, Sealing	<b>00438</b> (1)	4	Nonsealing Cap <b>03926</b> (25/pkg) available.

(continued on next page)

<sup>(1)</sup>Maximum *g* force rating of microplates varies depending upon manufacturer. Verify correct maximum speed/*g* force before use.

<sup>(2)</sup>Bucket/cover assembly has been tested for microbiological containment (Ref. 1) by CAMR, Porton Down. Seal integrity may be affected by improper use or maintenance.

\*Sealing Assembly replacement parts may be available. See section E for availability.

**TUBES, BOTTLES FOR RTH-250** (continued)

CAPACITY (ml)		DESCRIPTION	MAX SPEED (rpm)	DIMENSIONS (mm)	TUBE CAT. NO. (Qty/Pkg)	SEALING ASSEMBLY*		ADAPTER REQ'D		NOTES
NOMINAL	FILL					CAT. NO. (Qty/Pkg)	DESCRIPTION	CAT. NO. (Qty/Pkg)	NO. OF PLACES	
50	38	Polycarbonate Oak Ridge Bottle	3,200	28 × 103	<b>03480</b> (25)	<b>03535</b> (25)	Polypropylene, Sealing	<b>00438</b> (1)	4	Nonsealing Cap <b>03926</b> (25/pkg) available.
50	50	Stainless Steel Tube	3,200	28 × 101	<b>00579</b> (1)	<b>00518</b> (1)	Stainless Steel, Sealing	<b>00438</b> (1)	4	Requires Wrench <b>01014</b> , for tube sealing.
50	50	Stainless Steel Flanged Tube	3,200	28 × 101	<b>00517</b> (1)	<b>00518</b> (1)	Stainless Steel, Sealing	<b>00438</b> (1)	4	Requires Wrench <b>01014</b> , for tube sealing.
50	—	Tissue Culture Tube, Conical	—	30 × 115	—	—	—	<b>00438</b> (1) or <b>11018</b> (1)	4 2	Adapter <b>11018</b> holds two Sealed-Bucket Assemblies <b>11152</b> for pathogenic samples. Adapter <b>00438</b> accepts freestanding tissue culture tubes.
50	—	Flat-Bottomed Tube	—	29 × 100	—	—	—	<b>00455</b> (1)	4	
45	—	Pyrex® Tube	—	29 × 101	—	—	—	<b>00438</b> (1)	4	
35	—	Polyallomer Nalgene® Conical Oak Ridge Tube	—	29 × 105	—	—	—	<b>00438</b> (1)	4	
35	—	Polycarbonate Nalgene® Conical Oak Ridge Tube	—	29 × 105	—	—	—	<b>00438</b> (1)	4	
30	—	Flat-Bottomed Tube	—	25 × 100	—	—	—	<b>00846</b> (1)	6	
16	16	Polypropylene, Flanged Tube	3,200	18 × 100	<b>03244</b> (50)	<b>03299</b> (50)	Polypropylene, Snap-on	<b>00884</b> (1)	10	
16	17	Polycarbonate, Flanged Tube	3,200	18 × 100	<b>03243</b> (50)	<b>03269</b> (50)	Polypropylene, Snap-on	<b>00884</b> (1)	10	
15	—	Vacutainer® Tube	—	16 × 127	—	—	—	<b>00833</b> (1)	20	Maximum number of tubes per adapter is 14 due to swing clearance.
15	18	Corex® Tube	3,200	18 × 102	<b>03286</b> (25)	—	—	<b>00884</b> (1)	10	Rubber Pads <b>03667</b> (12/pkg), recommended.
15	—	Tissue Culture Tube, Conical	—	17 × 120	—	—	—	<b>00884</b> (1) or <b>11018</b> (1)	10 2	Adapter <b>11018</b> holds two 50 ml Sealed-Bucket Assemblies: <b>11152</b> , which accept 15 ml tubes when used with Adapter <b>11148</b> for pathogenic samples.
15	—	Urinalysis Tube, Conical	—	17 × 120	—	—	—	<b>00884</b> (1)	10	
15	—	Flat-Bottomed Tube	—	18 × 127	—	—	—	<b>00845</b> (1)	10	
14	16	Pyrex® Tube	3,200	18 × 120	<b>03111</b> (50)	—	—	<b>00884</b> (1)	10	Rubber Pads <b>03667</b> (12/pkg), recommended.
14	12	Polypropylene Flanged Tube	3,200	18 × 75	<b>03247</b> (50)	<b>03269</b> (50)	Polypropylene, Snap-on	<b>00884</b> (1)	10	
14	12	Polycarbonate Flanged Tube	3,200	18 × 75	<b>03246</b> (50)	<b>03269</b> (50)	Polypropylene, Snap-on	<b>00884</b> (1)	10	
12	14	Pyrex® Tube	3,200	18 × 102	<b>03109</b> (50)	—	—	<b>00884</b> (1)	10	Rubber Pads <b>03667</b> (12/pkg), recommended.
12	12	Polypropylene Flanged Tube	3,200	16 × 100	<b>03116</b> (50)	<b>03266</b> (50)	Polypropylene, Snap-on	<b>00833</b> (1)	20	
12	12	Polycarbonate Flanged Tube	3,200	16 × 100	<b>03115</b> (50)	<b>03266</b> (50)	Polypropylene, Snap-on	<b>00833</b> (1)	20	

\*Sealing Assembly replacement parts may be available. See section E for availability.

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**TO ORDER, CALL 1-800-522-SPIN (7746)**

**TUBES, BOTTLES FOR RTH-250** (continued)

CAPACITY (ml)		DESCRIPTION	MAX SPEED (rpm)	DIMENSIONS (mm)	TUBE CAT. NO. (Qty/Pkg)	SEALING ASSEMBLY*		ADAPTER REQ'D		NOTES
NOMINAL	FILL					CAT. NO. (Qty/Pkg)	DESCRIPTION	CAT. NO. (Qty/Pkg)	NO. OF PLACES	
10	—	Flat-Bottomed Tube	—	16 × 100	—	—	—	<b>00847</b> (1)	20	
10	—	Pyrex® Graduated Tube, Conical	—	18 × 100	—	—	—	<b>00884</b> (1)	10	Rubber Pads <b>03667</b> (12/pkg), recommended.
10	9.1	Polypropylene Oak Ridge Bottle	3,200	16 × 83	<b>03929</b> (50)	<b>03279</b> (25)	Polypropylene, Sealing	<b>00833</b> (1)	20	Nonsealing Cap <b>03924</b> (25/pkg) available.
10	9.7	Polycarbonate Oak Ridge Bottle	3,200	16 × 83	<b>03020</b> (25)	<b>03279</b> (25)	Polypropylene, Sealing	<b>00833</b> (1)	20	Nonsealing Cap <b>03924</b> (25/pkg) available.
10	—	Vacutainer® Tube	—	16 × 100	—	—	—	<b>00833</b> (1)	20	Rubber Pads <b>03667</b> (12/pkg), available.
10	—	Pyrex® Tube	—	13 × 100	—	—	—	<b>00833</b> (1)	20	Rubber Pads <b>03667</b> (12/pkg) available.
7	—	Vacutainer® Tube	—	13 × 100	—	—	—	<b>00842</b> (1)	25	
7	7	Polycarbonate Flanged Tube	3,200	13 × 100	<b>03120</b> (50)	<b>03265</b> (50)	Polypropylene, Snap-on	<b>00842</b> (1)	25	
7	7	Polypropylene Flanged Tube	3,200	13 × 100	<b>03121</b> (50)	<b>03265</b> (50)	Polypropylene, Snap-on	<b>00842</b> (1)	25	
7	—	Flat-Bottomed Tube	—	12 × 100	—	—	—	<b>00968</b> (1)	35	
5	—	Vacutainer® Tube	—	13 × 75	—	—	—	<b>00842</b> (1)	25	
—	—	BioVials® OmniVials®	—	—	—	—	—	<b>00886</b> (1)	25	
—	—	Chlamydia Vial	—	15 × 45	—	—	—	<b>00847</b> (1)	20	Requires Booster Block <b>00990</b> (1/pkg).
5	—	Vacutainer® Tube	—	10.25 × 103	—	—	—	<b>00836</b> (1)	35	
5	6	Pyrex® Tube	3,200	12 × 75	<b>03102</b> (50)	—	—	<b>00836</b> (1)	35	Tube Retainer Pads for RIA decanting <b>00897</b> (1/pkg).
4	—	Vacutainer® Tube	—	10.25 × 82	—	—	—	<b>00997</b> (1)	15	
4	4	Polypropylene Flanged Tube	3,200	11 × 75	<b>03105</b> (50)	<b>03264</b> (50)	Polypropylene, Snap-on	<b>00836</b> (1)	35	
4	4	Polycarbonate Flanged Tube	3,200	11 × 75	<b>03104</b> (50)	<b>03264</b> (50)	Polypropylene, Snap-on	<b>00836</b> (1)	35	
3	—	Vacutainer® Tube	—	10.25 × 64	—	—	—	<b>00997</b> (1)	15	
3	3	Pyrex® Tube	3,200	10 × 75	<b>03100</b> (50)	—	—	<b>00836</b> (1)	35	Tube Retainer Pads for RIA decanting <b>00898</b> (1/pkg).
2	—	Vacutainer® Tube	—	10.25 × 47	—	—	—	<b>00997</b> (1)	15	Requires Booster Block <b>00990</b> (1/pkg).
2	2	Cellulose Acetate Butyrate Tube	3,200	7 × 75	<b>03235</b> (50)	—	—	<b>00839</b> (1)	70	
1.5	—	Microtube	—	—	—	—	—	<b>00997</b> (1)	15	
0.5	—	Microtube	—	—	—	—	—	<b>00996</b> (1)	24	
0.25–0.4	—	Microtube	—	—	—	—	—	<b>00998</b> (1)	24	
—	—	Microplate, 3 Standard or 1 Deepwell	—	—	—	—	—	See Notes	3 1	Carrier <b>11093</b> is used in place of bucket.

\*Sealing Assembly replacement parts may be available. See section E for availability.