



ST-H50

Aluminum Rotor Body
 Titanium Sealed Buckets¹
 4-Place, 50 ml
 Tube Dimensions: 29 × 104 mm
 Swinging-Bucket
 Maximum Speed: 11,000 rpm
 K Factor: 2,465
 Rotor Mass: 4.2 kg
 Titanium Buckets Are
 Autoclavable: 121°C

	RCF (g)	R (cm)
Max.	19,773	14.63
Min.	6,082	4.50

Used in SUPER T 21 centrifuge.

Catalog No. 76841	Accessories
Includes: ST-H50 Rotor Vacuum Grease 65937 Rotor Cover Assembly 76842 Bucket Assemblies, Titanium (1/pkg) 11862	Bucket O-Ring (8 supplied) 64667 Instruction Manual 76838 Rotor Cleaning Kit 12259
	Bucket Assemblies, ² Titanium (1 bucket assembly/pkg) 11862 Rotor Extractor 76818 ³ Retaining Ring Pliers 65614 ³

TUBES AND BOTTLES FOR ST-H50

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	46	Polypropylene Flanged Tube	11,000	29 × 102	03147 (25)	—	—	—	—	
50	48	Polycarbonate Flanged Tube	11,000	29 × 102	03146 (25)	—	—	—	—	
50	56	Polyallomer Thin-Walled Tube	11,000	28 × 104	03139 (25)	—	—	—	—	
50	41	Polypropylene Oak Ridge Bottle	11,000	28 × 103	03530 (25)	03535 (25)	Polypropylene, Sealing	—	—	Nonsealing cap 03926 (25/pkg) available.
50	38	Polycarbonate Oak Ridge Bottle	11,000	28 × 103	03480 (25)	03535 (25)	Polypropylene, Sealing	—	—	Nonsealing cap 03926 (25/pkg) available.
50	54	Stainless Steel Tube	11,000	28 × 101	00579 (1)	00518 (1)	Stainless Steel, Sealing	—	—	Requires Wrench 01014 for Tube sealing.
35	—	Polyallomer Nalgene® Conical Oak Ridge Tube	—	29 × 105	—	—	—	See Notes	1	Requires Nalgene® adapter 3147-0050 .
35	—	Polycarbonate Nalgene® Conical Oak Ridge Tube	—	29 × 105	—	—	—	See Notes	1	Requires Nalgene® adapter 3147-0050 .
30	32	Corex® Tube	10,000	24 × 105	03163 (10)	—	—	00368 (1)	1	
16	16	Polypropylene Flanged Tube	11,000	18 × 100	03244 (50)	03299 (50)	Polypropylene, Snap-on	00382 (1)	1	
16	17	Polycarbonate Flanged Tube	11,000	18 × 100	03243 (50)	03269 (50)	Polypropylene, Snap-on	00382 (1)	1	
15	17	Corex® Tube	10,000	18 × 102	03286 (25)	—	—	00363 (1)	1	
12	14	Pyrex® Tube	5,000	18 × 102	03109 (50)	—	—	00363 (1)	1	

(continued on next page)

⁽¹⁾This sealed bucket assembly has been tested for microbiological containment (Ref. 1) by PHLS-CAMR, Porton Down. Suitable for use with materials up to ACDP category 3 (Ref. 2). Seal integrity may be affected by improper use or maintenance.

⁽²⁾Each bucket assembly includes one bucket, bucket cap and O-ring.

⁽³⁾These tools are included with the SUPER T 21 instrument.

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

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TUBES AND BOTTLES FOR ST-H50 (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	
12	12	Polypropylene Flanged Tube	11,000	16 × 100	03116 (50)	03266 (50)	Polypropylene, Snap-on	00402 (1)	1	
12	12	Polycarbonate Flanged Tube	11,000	16 × 100	03115 (50)	03266 (50)	Polypropylene, Snap-on	00402 (1)	1	
10	—	Pyrex® Graduated Tube, Conical	—	18 × 100	—	—	—	00367 (1)	1	
10	10	Polypropylene Oak Ridge Bottle	11,000	16 × 83	03929 (50)	03279 (25)	Polypropylene, Sealing	00425 (1)	1	Nonsealing Cap 03924 (25/pkg) available.
10	10	Polycarbonate Oak Ridge Bottle	11,000	16 × 83	03920 (50)	03279 (25)	Polypropylene, Sealing	00425 (1)	1	Nonsealing Cap 03924 (25/pkg) available.
10	11	Polyallomer Thin-Walled Flanged Tube	11,000	13 × 100	03124 (50)	—	—	00473 (1)	1	
10	—	Pyrex® Tube	—	13 × 100	—	—	—	00366 (1)	1	
7	7	Polycarbonate Flanged Tube	11,000	13 × 100	03120 (50)	03265 (50)	Polypropylene, Snap-on	00473 (1)	1	
7	7	Polypropylene Flanged Tube	11,000	13 × 100	03121 (50)	03265 (50)	Polypropylene, Snap-on	00473 (1)	1	
4	4	Polypropylene Flanged Tube	11,000	11 × 75	03105 (50)	03264 (50)	Polypropylene, Snap-on	00381 (1)	2	
4	4	Polycarbonate Flanged Tube	11,000	11 × 75	03104 (50)	03264 (50)	Polypropylene, Snap-on	00381 (1)	2	
3	3	Pyrex® Tube	5,000	10 × 75	03100 (50)	—	—	00364 (1)	2	
2	2	Cellulose Acetate Butyrate Tube	11,000	7 × 75	03235 (50)	—	—	00410 (1)	4	
1.5	—	Microtube	—	—	—	—	—	00381	2	
1	1	Cellulose Acetate Butyrate Tube	11,000	7 × 50	03103 (50)	—	—	00408 (1)	4	

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