



ST-H750
 Aluminum Rotor
 4-Place, 750 ml
 Tube Dimensions:
 98 × 135 mm
 Swinging Bucket
 Maximum Speed: 4,300 rpm
 K Factor: 11,246
 Rotor Mass: 6.0 kg
 Autoclavable: 121°C

Buckets	RCF (g)	R (cm)	Speed
Max.	3,829	18.54	4,300
Min.	1,683	9.11	
Microplate Carriers	RCF (g)	R (cm)	
Max.	3,102 ¹	15.02 ¹	4,300 ¹

Used in SUPER T 21 centrifuge.

Catalog No. 76845	Accessories	Accessories
Includes: ST-H750 Rotor 750 ml Buckets (Set of 4) 11790 Rotor Extractor 01031 Instruction Manual 76855	Microplate Carriers (Set of 2) 11779 Sealing covers (Set of 2) for 750 ml Buckets 11776⁴ Sealing Cover O-Rings (Set of 6) 12995 750 ml Buckets (Set of 2) 11788	Software Update Kit for SUPER T 21 ² 76026

TUBES AND 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	
750	—	750 ml Bottle	—	98 × 135	—	—	—	—	—	Contact your Sorvall® representative for recommended suppliers.
500	—	Polypropylene Corning Tissue Culture Bottle, Conical	—	96 × 146	Corning P/N 431123 ³	Included with Bottle	Plug	Corning P/N 431124 ³	1	
250	200	Polyallomer Oak Ridge Bottle	4,300	60 × 120	54477 (6)	54421 (1)	Delrin® Screw Cap, Sealing	12002 (1) 01092 (1)	— 1	Adapters 12002 and 01092 must be used together.
250	250	Polypropylene Oak Ridge Bottle	4,300	61 × 124	03937 (12)	03278 (12)	Polypropylene Sealing	01092 (1)	1	Nonsealing Cap 03927 (12/pkg) available.
250	265	Polycarbonate Oak Ridge Bottle	4,300	61 × 124	03939 (12)	03278 (12)	Polypropylene Sealing	01092 (1)	1	Nonsealing Cap 03927 (12/pkg) available.
250	280	Polypropylene DRY-SPIN Bottle	4,300	61 × 146	03069 (12)	Included with Bottle	Polypropylene Sealing	01092 (1)	1	Replacement O-Ring sealing assembly 03545 (24/pkg). Replacement Caps 06841 (12/pkg).
250	270	Polycarbonate DRY-SPIN Bottle	4,300	61 × 146	03098 (12)	Included with Bottle	Polypropylene Sealing	01092 (1)	1	Replacement O-Ring sealing assembly 03545 (24/pkg). Replacement Caps 06841 (12/pkg).
200	200	Nunc Tissue Culture Bottle, Conical	4,300	60 × 135	03094 (4)	Included with Bottle	Polypropylene Nonsealing	01092 (1) 03095 (1)	1 1	Adapters 01092 and 03095 must be used together.
150	144	Polycarbonate Thick-Walled Tube	4,300	45 × 132	03143 (25)	—	—	00458 (1) 01092 (1)	1 1	Adapters 00458 and 01092 must be used together.
150	120	Corex® Bottle (No longer available)	4,300	53 × 132	03229 (1)	Included with Bottle	Polypropylene Nonsealing	01092 (1) 00372 (1)	1 1	Adapters 01092 and 00372 must be used together.
125	100	Corex® Bottle (No longer available)	4,300	53 × 118	03231 (1)	Included with Bottle	Polypropylene Nonsealing	01092 (1) 00372 (1)	1 1	Adapters 01092 and 00372 must be used together.

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⁽¹⁾Maximum g force rating of microplates varies depending upon manufacturer. Verify correct maximum speed/g force before use. (continued on next page)

⁽²⁾Contact your SORVALL® representative to determine your need for a Software Update Kit.

⁽³⁾Available from Corning CoStar. In U.S. call 800-492-1110.

⁽⁴⁾This rotor/cover 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.

*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 AND BOTTLES FOR ST-H750 (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	
100	100	Pyrex® Bottle	3,000	44 × 137	03230 (1)	Included with Bottle	Polypropylene Nonsealing	01092 (1) 00371 (1)	1 1	Adapters 01092 and 00371 must be used together.
50	—	Tissue Culture Tube, Conical	—	30 × 115	—	—	—	00436 (1) 00445 (1)	5 3	Use 00445 with sealing cover. Both adapters accommodate free standing and conical tissue culture tubes.
50	46	Polypropylene Flanged Tube	4,000	29 × 102	03147 (25)	03268 (25)	Polypropylene, Snap-on	00894 (1)	5	
50	48	Polycarbonate Flanged Tube	4,000	29 × 102	03146 (25)	03268 (25)	Polypropylene, Snap-on	00894 (1)	5	
50	56	Polyallomer Thin-Walled Tube	4,000	28 × 104	03139 (25)	—	—	00894 (1)	5	
50	41	Polypropylene Oak Ridge Bottle	4,000	28 × 103	03530 (25)	03535 (25)	Polypropylene, Sealing	00894 (1)	5	
50	38	Polycarbonate Oak Ridge Bottle	4,000	28 × 103	03480 (25)	03535 (25)	Polypropylene, Sealing	00894 (1)	5	
50	50	Stainless Steel Tube	4,000	28 × 101	00579 (1)	00518 (1)	Stainless Steel, Sealing	00894 (1)	5	Requires Wrench 01014 , for tube sealing.
50	50	Stainless Steel Flanged Tube	4,000	28 × 101	00517 (1)	00518 (1)	Stainless Steel, Sealing	00894 (1)	5	Requires Wrench 01014 , for tube sealing.
50	—	Flat-Bottomed Tube	—	29 × 100	—	—	—	00894 (1)	5	
35	—	Polyallomer Nalgene® Conical Oak Ridge Tube	—	29 × 105	—	—	—	00436 (1)	5	
35	—	Polycarbonate Nalgene® Conical Oak Ridge Tube	—	29 × 105	—	—	—	00436 (1)	5	
30	—	Flat-Bottomed Tube	—	25 × 100	—	—	—	00894 (1)	5	
30	31	Corex® Bottle (No longer available)	4,300	24 × 105	03163 (10)	—	—	00449 (1) 01092 (1)	3 1	Adapters 00449 and 01092 must be used together.
16	16	Polypropylene Flanged Tube	4,300	18 × 100	03244 (50)	03299 (50)	Polypropylene Nonsealing	00892 (1)	12	
16	17	Polycarbonate Flanged Tube	4,300	18 × 100	03243 (50)	03269 (50)	Polypropylene Nonsealing	00892 (1)	12	
15	—	Tissue Culture Tube, Conical	—	17 × 120	—	—	—	00447 (1)	8	
15	—	Urinalysis Tube, Conical	—	17 × 120	—	—	—	00447 (1)	8	
15	—	Vacutainer Tube	—	16 × 127	—	—	—	00385 (1)	18	
15	18	Corex® Tube	4,000	18 × 102	03286 (25)	—	—	00892 (1)	12	Rubber Pads 03667 (12/pkg), recommended.
14	16	Pyrex® Tube	4,000	18 × 120	03111 (50)	—	—	00894 (1)	5	
14	12	Polypropylene Flanged Tube	4,000	18 × 75	03247 (50)	03269 (50)	Polypropylene, Snap-on	00894 (1)	5	5 plastic adapters 00382 required with 00894 .
14	12	Polycarbonate Flanged Tube	4,000	18 × 75	03246 (50)	03269 (50)	Polypropylene, Snap-on	00894 (1)	5	5 plastic adapters 00382 required with 00894 .

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TUBES AND BOTTLES FOR ST-H750 (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	14	Pyrex® Tube	4,000	18 × 102	03109 (50)	—	—	00894 (1)	5	5 rubber adapters 00363 required with 00894 .
12	10	Polypropylene Flanged Tube	4,300	16 × 100	03116 (50)	03266 (50)	Polypropylene Nonsealing	00385 (1)	18	
12	11	Polycarbonate Flanged Tube	4,300	16 × 100	03115 (50)	03266 (50)	Polypropylene Nonsealing	00385 (1)	18	
10	—	Vacutainer Tube	—	16 × 100	—	—	—	00385 (1)	18	
10	—	Pyrex® Graduated Tube, Conical	—	18 × 100	—	—	—	00894 (1)	5	5 rubber adapters 00367 required with 00894 .
10	11	Polyallomer Thin-Walled Flanged Tube	4,300	13 × 100	03124 (1)	—	—	00384 (1)	22	
10	9.1	Polypropylene Oak Ridge Bottle	4,000	16 × 83	03929 (50)	03279 (25)	Polypropylene, Sealing	00894 (1) 00402 (5)	5 1	Nonsealing Cap 03924 (25/pkg) available.
10	9.7	Polycarbonate Oak Ridge Bottle	4,000	16 × 83	03020 (25)	03279 (25)	Polypropylene, Sealing	00894 (1) 00402 (5)	5 1	Nonsealing Cap 03924 (25/pkg) available.
10	—	Glass Tube	—	13 × 100	—	—	—	00384 (1)	22	
10	—	Pyrex® Tube	—	13 × 100	—	—	—	00384 (1)	22	
7	—	Vacutainer Tube	—	13 × 100	—	—	—	00384 (1)	22	
7	7	Polypropylene Flanged Tube	4,300	13 × 100	03121 (50)	03265 (50)	Polypropylene Nonsealing	00384 (1)	22	
7	7	Polycarbonate Flanged Tube	4,300	13 × 100	03120 (50)	03265 (50)	Polypropylene Nonsealing	00384 (1)	22	
5	—	Standard Glass Tube	—	12 × 75	—	—	—	00857 (1)	33	
5	—	Vacutainer® Tube	—	13 × 75	—	—	—	00857 (1)	33	Only 14 tubes per adapter due to size of plug.
5	—	Vacutainer® Tube	—	10.25 × 103	—	—	—	00857 (1)	33	
5	5	Pyrex® Tube	4,300	12 × 75	03102 (50)	—	—	00857 (1)	33	
4	—	Standard Glass Tube	—	10 × 75	—	—	—	00857 (1)	33	
4	—	Vacutainer® Tube	—	10.25 × 82	—	—	—	00857 (1)	33	
4	4	Polypropylene Flanged Tube	4,300	11 × 75	03105 (50)	03264 (50)	Polypropylene Nonsealing	00857 (1)	33	
4	4	Polycarbonate Flanged Tube	4,300	11 × 75	03104 (50)	03264 (50)	Polypropylene Nonsealing	00857 (1)	33	
3	3	Pyrex® Tube	4,300	10 × 75	03100 (50)	—	—	00857 (1)	33	
—	—	Microplate, 3 Standard or 1 Deepwell	—	—	—	—	—	See Notes	3 1	Carrier 11779 is used in place of bucket.
1.5	—	Microtubes	—	—	—	—	—	00857 (1) 04871 (1)	33 33	Adapters 00857 and 04871 must be used together.

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