

Large Capacity Centrifuge Rotors

Rotor	Max. Speed (rpm)	Max. RCF (xg) ¹	K Factor ²	Capacity: Places x Volume (mL)
Swinging Bucket				
H-12000 Blood Processing	4,700	7,340	8,117	12 x 550
H-12000 Bio-Processing	4,700	7,340	8,117	6 x 2,000
H-6000A	5,000	7,277	7,823	6 x 1,000
HBB-6	5,000	7,129	8,248	6 x 1,000
HLR-6	5,000	7,205	8,355	6 x 550
Windshielded for Cryofuge 6000i/8500i	4,020/ 5,050 ³	5,312	10,279	6 x 1,000/ 12 x 550 ⁴
LH-4000W	4,400	5,350	13,847	4 x 1,000/ 8 x 550 ⁴
LH-4000	4,400	5,350	13,487	4 x 1,000/ 4 x 550 ⁴
BIOShield	5,850	6,963	n/a	4 x 250
HIGHPlate Windshielded	5,650	5,889	n/a	20 standard, 2 deepwell microplates
Diagnostik Rack	3,500	2,550	n/a	— ⁵
RP6 Windshielded	4,250/ 3,800 ³	5,735/ 4,535 ⁵	15,997	6 x 1,000/ 12 x 550 ⁴
RC6 Windshielded	4,900/ 4,300 ³	7,301/ 5,623 ⁵	10,339/ 13,426 ⁶	6 x 1,000/ 12 x 550 ⁴
RP4 Windshielded	4,250/ 4,000 ³	5,513/ 4,883 ⁵	12,994/ 14,669 ⁶	4 x 1,000/ 8 x 550 ⁴
RHK4B Diagnostic	3,300	2,300	20,274	360 x 1.5
Fiberlite H3-LV	3,200	1,940	n/a	2 x 500
Fixed Angle				
Fiberlite F8-6x1000y	8,500	15,900	5,096	6 x 1,000
Fiberlite F6-6x1000y	6,000	7,900	9,060	6 x 1,000
Fiberlite F10-6x250y	10,000	15,320	926	6 x 250
HIGHConic	8,500	10,020	2,545	6 x 50

¹ RCF calculated for maximum rotor radius.

² K factor calculated assuming maximum volume in a sealed tube.

³ Maximum speed with Cryofuge 6000i; Heraeus Cryofuge 8500i centrifuges. ⁴ Value for bottle/blood bag.

⁵ Varies per microplate rack.

⁶ Value for rotor with/without lid.

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ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Stainless Steel Rotor Body; Aluminum Bucket
Capacity	12 x 500 mL
Maximum Speed	4,700 rpm
Bucket Dimensions W x L x D	114.5 x 177.5 x 152.4 mm
Angle	90°
K Factor	8,117
Net Weight	47.8 kg/105.4 lb
Warranty	7 years

	RCF	RADIUS
Maximum	7,340 xg	297.2 mm
Average	5,472 xg	221.8 mm
Minimum	3,610 xg	146.3 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC SORVALL RC-12 Series
H-12000 Blood Processing	Max. Speed	4,700 rpm
	Max. RCF	7,340 xg

H-12000 Blood Processing Rotor Package includes:

Description	Cat. No.
H-12000 Blood Processing Rotor	77050
Stainless Steel Rotor Body	77025
Aluminum Rotor Bucket (qty. 6)	77023
Rotor Cover Assembly	77038
Rotor Windshield	77048
Rotor Locking Stud	11238
Balancing Disc (qty. 6)	00335
Speed Decal	11009
Lubricating Grease	61556
Cleaning Pad	66309
Instruction Manual	77039

Accessories:

Description	Cat. No.
Cover for Adapters (qty. 1)	77033
Adapter Rack (qty. 1)	77064
Adapter Rack (qty. 6)	77065

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
450.0 -500.0		Triple/Quad Blood Bag w/ additive	—	—	12	—	—	—	Adapter	77030	1	2 places/adapter for Blood Bag Liner
450.0 -500.0		Triple/Quad Blood Bag w/o additive	—	—	12	—	—	—	Adapter	77032	1	2 places/adapter for Blood Bag Liner
400.0 -450.0		Double/Triple Blood Bag w/ additive	—	—	12	—	—	—	Adapter	77032	1	2 places/adapter for Blood Bag Liner
250.0 -300.0		Platelet Rich Plasma or Buffy Coat ¹	—	—	12	—	—	—	Adapter	77031	1	4 places/adapter for Blood Bag Liner
50.0	—	Conical Tube	—	—	60	4,000	4,613	—	Adapter ¹	75007055	1	10 places/adapter
									Adapter ¹	75007065	1	BIOlink Adapter
15.0	—	Conical Tube	—	—	132	4,000	4,613	—	Adapter ¹	75007056	1	22 places/adapter
									Adapter ¹	75007065	1	BIOlink Adapter
10.0	—	Blood Collection Tube	—	—	222	4,000	4,613	16 x 100	Adapter ¹	75007057	1	37 places/adapter
									Adapter ¹	75007065	1	BIOlink Adapter
7.0	—	Vacutainer [®] Tube	—	—	324	—	—	13 x 100	Adapter	ME080001	1	54 places/adapter
7.0	—	Greiner [®] Tube	—	—	324	—	—	13 x 100	Adapter	ME060001	1	54 places/adapter
7.0	—	Blood Collection Tube	—	—	294	4,000	4,613	13 x 100	Adapter ¹	75007058	1	49 places/adapter
									Adapter ¹	75007065	1	BIOlink Adapter
5.0	—	Vacutainer Tube	—	—	324	—	—	13 x 75	Adapter	ME080001	1	54 places/adapter
5.0	—	Greiner Tube	—	—	324	—	—	13 x 75	Adapter	ME060001	1	54 places/adapter
5.0	—	Blood Collection Tube	—	—	294	4,000	4,613	13 x 75	Adapter ¹	75007058	1	49 places/adapter
									Adapter ¹	75007065	1	BIOlink Adapter

¹ Both adapters must be used together. Note: BIOlink adapter is only rated to 4,000 rpm/4,613 xg. Performance depends upon tube brand. Contact your sales representative for recommended tube manufacturers and further information.

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ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Stainless Steel Rotor Body; Aluminum Bucket
Capacity	6 x 2000 mL
Maximum Speed	4,700 rpm
Bucket Dimensions W x L x D	114.5 x 177.5 x 152.4 mm
Angle	90°
K Factor	8,117
Net Weight	47.8 kg/105.4 lb
Warranty	7 years

	RCF	RADIUS
Maximum	7,340 xg	297.2 mm
Average	5,472 xg	221.8 mm
Minimum	3,610 xg	146.3 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC SORVALL RC-12 Series
H-12000 BioProcessing	Max. Speed	4,700 rpm
	Max. RCF	7,340 xg

H-12000 Rotor Package includes:

Description	Cat. No.
H-12000 BioProcessing Rotor	77080
Stainless Steel Rotor Body	77025
Aluminum Rotor Bucket (qty. 6)	77023
Rotor Cover Assembly	77038
Rotor Windshield	77082
Rotor Locking Stud	11238
Balancing Disc (qty. 6)	00335
Speed Decal	11009
Support Bridges for 2L Bio-bottle (Supplied qty. 6)	75007686
Lubricating Grease	61556
Cleaning Pad	66309
Instruction Manual	77083

Accessories:

Description	Cat. No.
Adapter Rack (qty. 1)	77064
Adapter Rack (qty. 6)	77065
Support Bridges for 2L Bio-bottle (qty. 2)	75007686

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
2000.0	2400.0	Nalgene® PP Bio-Bottle	3120-2002	2	6	4,700	7,340	–	Closure	Included	2	PP Sealing Lid and O-ring
									–	Included	–	Support Bridges
1000.0	1000.0	Nalgene PPCO Bottle	3120-1000	16	6	4,700	7,340	97.5 x 184.5	Closure	Included	16	Screw Top
									Adapter	77074	1	1 place/adapter
1000.0	1000.0	Nalgene PC Bottle	3122-1000	16	6	4,700	7,340	97.6 x 188.4	Closure	Included	16	Screw Top
									Adapter	77074	1	1 place/adapter
50.0	–	Conical Tube	—	–	60	4,000	4,613	29 x 119	Adapter ¹	75007055	1	10 places/adapter
									Adapter ¹	75007065	1	BIOLink Adapter
15.0	–	Conical Tube	—	–	132	4,000	4,613	19 x 119	Adapter ¹	75007056	1	22 places/adapter
									Adapter ¹	75007065	1	BIOLink Adapter
10.0	–	Blood Collection Tube	—	–	222	4,000	4,613	16 x 100	Adapter ¹	75007057	1	37 places/adapter
									Adapter ¹	75007065	1	BIOLink Adapter
7.0	–	Vacutainer® Tube	—	–	324	–	–	13 x 100	Adapter	ME080001	1	54 places/adapter
7.0	–	Greiner® Tube	—	–	324	–	–	13 x 100	Adapter	ME060001	1	54 places/adapter
7.0	–	Blood Collection Tube	—	–	294	4,000	4,613	13 x 100	Adapter ¹	75007058	1	49 places/adapter
									Adapter ¹	75007065	1	BIOLink Adapter
5.0	–	Vacutainer Tube	—	–	324	–	–	13 x 75	Adapter	ME080001	1	54 places/adapter
5.0	–	Greiner Tube	—	–	324	–	–	13 x 75	Adapter	ME060001	1	54 places/adapter
5.0	–	Blood Collection Tube	—	–	294	4,000	4,613	13 x 75	Adapter ¹	75007058	1	49 places/adapter
									Adapter ¹	75007065	1	BIOLink Adapter

¹ Both adapters must be used together. Note: BIOLink adapter is only rated to 4,000 rpm/4,613 xg. Performance depends upon tube brand. Contact your sales representative for recommended tube manufacturers and further information.

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See Thermo Scientific Fiberlite Carbon Fiber Rotor Equivalent
Go to Fiberlite F8-6x1000y



ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Stainless Steel Rotor Body; Aluminum Bucket
Capacity (Bucket)	6 x 1000 mL
Capacity (Blood Bag Systems)	6
Capacity (Microplate)	18 Standard, 6 Deepwell
Maximum Speed	5,000 rpm
Bucket Dimensions Ø x L	98 x 175
Microplate Dimensions W x L	85 x 127
Angle	90°
K Factor	7,823
Net Weight	27.4 kg/ 60.4 lb
Warranty	7 years
Certifications	

	RCF	RADIUS
Maximum (Bucket)	7,277 xg	260.6 mm
Minimum (Bucket)	3,359 xg	120.3 mm
Maximum (Microplate Carrier)	5,186 xg	185.3 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC SORVALL RC-3 Series
H-6000A	Max. Speed	5,000 rpm
	Max. RCF	7,277 xg

H-6000A Rotor Package includes:

Description	Cat. No.
H-6000A Rotor	11250
Anodized Aluminum Rotor Bucket (qty. 6)	44040
Rotor Cover Assembly	11237
Rotor Cover	11232
Rotor Locking Stud	11238
Balancing Disc (qty. 6)	00335
Speed Decal	11009
Loctite Sealing Adhesive	65811
Instruction Manual	11243

Accessories:

Description	Cat. No.
Sealing Lids (qty. 2) ¹	11776
O-rings for Sealing Lid (qty. 6)	12995
Microplate Carrier (qty. 2)	11267
Rotor Extractor	11445
Replacement Windshield	11273
Conversion Kit for HBB-6 Replacement Buckets {Includes HBB-6 buckets (11758, qty. 6), Instruction Manual (11243), Balancing Disc (00335, qty. 6)}	11758

¹ When used with lid, sealed buckets offers biocontainment protection certified by Porton Down.

LABWARE ORDERING INFORMATION CONTINUED

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
1000.0	1000.0	Nalgene® PPCO Bottle	3120-1000	16	6	5,000	7,277	97.5 x 184.5	Closure	Included	16	Screw Top
1000.0	1000.0	Nalgene PC Bottle	3122-1000	16	6	5,000	7,277	97.6 x 188.4	Closure	Included	16	Screw Top
500.0	450.0	Nalgene PC Bottle	3122-0500	24	6	5,000	7,277	69.5 x 170	Closure	Included	24	Sealing Cap
									Adapter	00444	1	1 place/adapter
									Adapter	00511	1	Adapter
500.0	450.0	Nalgene PPCO Bottle	3120-0500	24	6	5,000	7,277	69.5 x 170	Closure	Included	24	Sealing Cap
									Adapter	00444	1	1 place/adapter
									Adapter	00511	1	Adapter
450.0-500.0	—	Triple/Quad Blood Bag	—	—	6	—	—	—	Adapter	00512	1	For Blood Bag Liner
450.0	—	Single/Double Blood Bag	—	—	6	—	—	—	Adapter	00511	1	For Blood Bag Liner
250.0	—	Nalgene PPCO Bottle	3120-0250	36	6	5,000	7,277	60.7 x 133.4	Closure	Included	36	Sealing Cap
									Adapter	01092	1	1 place/adapter
250.0	—	Nalgene PC Bottle	3122-0250	36	6	5,000	7,277	61.5 x 135.1	Closure	Included	36	Sealing Cap
									Adapter	01092	1	1 place/adapter
250.0	—	Conical Bottle	—	—	6	—	—	—	Adapter	01092	1	1 place/adapter
									Adapter	03095	1	For 250 ml Conical
200.0	200.0	Nunc™ Conical Bottle	03094	4	6	4,900	6,990	60 x 135	Closure	Included	4	Sealing Cap
									Adapter	01092	1	1 place/adapter
									Adapter	03095	1	For 250 ml Conical
50.0	—	Conical Tube (Unsealed Bucket)	—	—	30	—	—	—	Adapter	00436	1	5 places/adapter For Skirted Conical Tube
50.0	—	Conical Tube (Sealed Bucket)	—	—	18	—	—	—	Adapter	00445	1	3 places/adapter For Skirted Conical Tube
16.0	16.0	PP Flanged Tube	03244	50	72	5,000	7,277	18 x 100	Closure	03299	50	PP Snap-On Lid
									Adapter	00892	1	12 places/adapter
16.0	17.0	PP Flanged Tube	03243	50	72	5,000	7,277	18 x 100	Closure	03269	50	PP Snap-On Lid
									Adapter	00892	1	12 places/adapter
15.0	—	Conical Tube	—	—	48	—	—	19 x 119	Adapter	00447	1	8 places/adapter
15.0	—	Conical Urinalysis Tube	—	—	72	—	—	19 x 119	Adapter	00892	1	12 places/adapter
15.0	—	Round Bottom Tube	—	—	108	—	—	16 x 127	Adapter	00385	1	18 places/adapter
12.0	12.0	PP Flanged Tube	03116	50	108	5,000	7,277	16 x 100	Closure	03266	50	PP Snap-On Lid
									Adapter	00385	1	18 places/adapter
12.0	12.0	PC Flanged Tube	03115	50	108	5,000	7,277	16 x 100	Closure	03266	50	PP Snap-On Lid
									Adapter	00385	1	18 places/adapter
10.0	—	Blood Collection Tube	—	—	108	—	—	16 x 100	Adapter	00385	1	18 places/adapter
10.0	9.1	PP Oak Ridge Bottle	03929	50	30	5,000	7,277	16 x 83	Closure	03279	25	PP Sealing Cap
									Adapter	00894	1	5 places/adapter
									Adapter	00402	5	Adapter
10.0	9.1	PC Oak Ridge Bottle	03020	25	30	5,000	7,277	16 x 83	Closure	03279	25	PP Sealing Cap
									Adapter	00894	1	5 places/adapter
									Adapter	00402	5	Adapter
7.0	—	Blood Collection Tube	—	—	132	—	—	13 x 100	Adapter	00384	1	22 places/adapter
7.0	—	Greiner® Tube	—	—	138	—	—	13 x 100	Adapter	75003797	6	23 places/adapter
5.0	—	Blood Collection Tube	—	—	198	—	—	13 x 75	Adapter	00857	1	33 places/adapter
5.0	—	Greiner Tube	—	—	138	—	—	13 x 75	Adapter	75003797	6	23 places/adapter
1.5	—	Microtube	—	—	198	—	—	11 x 50	Adapter	04871	1	33 places/adapter
									Adapter	00857	1	33 places/adapter

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ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Stainless Steel Rotor Body; Aluminum Bucket
Capacity (Bucket)	6 x 1000 mL
Capacity (Blood Bag Systems)	6
Capacity (Microplate)	18 Standard, 6 Deepwell
Maximum Speed	5,000 rpm
Bucket Dimensions W x L x D	90 x 133 x 140 mm
Microplate Dimensions W x L	85 x 127 mm
Angle	90°
K Factor	8,248
Net Weight	28 kg/61.7 lb
Warranty	7 years

	RCF	RADIUS
Maximum (Bucket)	7,129 xg	255.3 mm
Minimum (Bucket)	3,156 xg	130.0 mm
Maximum (Microplate Carrier)	5,186 xg	185.3 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC SORVALL RC-3 Series
HBB-6	Max. Speed	5,000 rpm
	Max. RCF	7,129 xg

HBB-6 Rotor Package includes:

Description	Cat. No.
HBB-6 Rotor	11753
Anodized Aluminum Rotor Bucket (qty. 6)	11758
Rotor Cover Assembly	11237
Rotor Locking Tool	11246
Rotor Locking Stud	11238
Balancing Disc (qty. 6)	00335
Speed Decal	11009
Loctite Sealing Adhesive	65811
Instruction Manual	11243

Accessories:

Description	Cat. No.
Anodized Aluminum Rotor Bucket (qty. 2)	11754
Microplate Carrier (qty. 2)	11267
Rotor Extractor	11445
Replacement Windshield	11273
Conversion Kit for HBB-6 Replacement Buckets {Includes HBB-6 buckets (11758, qty. 6), Instruction Manual (11243), Balancing Disc (00335, qty. 6)}	11758

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
450.0-550.0	–	Quad Blood Bag (no adsol)	–	–	6	–	–	–	Adapter	01094	1	For Blood Bag Liner
450.0-550.0	–	Quad/Quint Blood Bag	–	–	6	–	–	–	Adapter	01098	1	For Blood Bag Liner
400.0-450.0	–	Double/Triple Blood Bag	–	–	6	–	–	–	Adapter	01094	1	For Blood Bag Liner
400.0-450.0	–	Single/Double Blood Bag	–	–	12	–	–	–	Adapter	11751	1	For Multiplace Blood Bag Liner
250.0-300.0	–	Platelet Rich Plasma or Buffy Coat ¹	–	–	12	–	–	–	Adapter	11756	1	For Multiplace Blood Bag Liner

¹ Blood bag fit will depend on manufacturer and volume. Follow manufacturer loading and packing instructions.

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ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Stainless Steel Rotor Body; Aluminum Bucket
Capacity (Bucket)	6 x 550 mL
Capacity (Microplate)	18 Standard, 6 Deepwell
Maximum Speed	5,000 rpm
Bucket Dimensions W x L x D	96 x 126 x 145 mm
Microplate Dimensions W x L	85 x 127 mm
Angle	90°
K Factor	8,355
Net Weight	31 kg/68.3 lb
Warranty	7 years

	RCF	RADIUS
Maximum (Bucket)	7,205 xg	258 mm
Minimum (Bucket)	3,156 xg	113 mm
Maximum (Microplate Carrier)	5,186 xg	185.3 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC SORVALL RC-3 Series
HLR-6	Max. Speed	5,000 rpm
	Max. RCF	7,205 xg

HLR-6 Rotor Package includes:

Description	Cat. No.
HLR-6 Rotor	11350
Anodized Aluminum Rotor Bucket with Pall Filter Holder (Supplied qty. 6)	11351
Rotor Cover Assembly	11237
Rotor Locking Tool	11246
Rotor Locking Stud	11238
Balancing Disc (qty. 6)	00335
Speed Decal	11009
Loctite Sealing Adhesive	65811
Instruction Manual	11243

Accessories:

Description	Cat. No.
Anodized Aluminum Rotor Bucket (qty. 2)	11351
Microplate Carrier (qty. 2)	11267
Rotor Extractor	11445
Replacement Windshield	11273
HLR-6 Conversion Kit	11355
{Includes HLR-6 bucket and filter holder (11351, qty. 6); Instruction Manual (11243); Balancing Disc (00335, qty. 6)}	

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
450.0-550.0	–	Triple/Quad/Quint Blood Bag with additive	–	–	6	5,000	7,205	–	Adapter	11358	1	For Blood Bag Liner
400.0-450.0	–	Triple/Quad Blood Bag	–	–	6	5,000	7,205	–	Adapter	11358	1	For Blood Bag Liner
									Adapter	11365	4	For Blood Bag Insert
250.0-300.0	–	Platelet Rich Plasma or Buffy Coat ¹	–	–	12	5,000	7,205	–	Adapter	11756	1	For Blood Bag Liner

¹ Blood bag fit will depend on manufacturer and volume. Follow manufacturer loading and packing instructions.

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Thermo Scientific Windshielded Swinging Bucket Rotor for Thermo Scientific Cryofuge 6000i/8500i (75006606)

75006606



ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Rotor Body Stainless Steel; Bucket Aluminum
Capacity (Bottle)	6 x 1000 mL
Capacity (Blood Bag)	12 x 550 mL
Maximum Speed	4,020 rpm; 5,050 rpm ¹
Angle	90°
K Factor	10,279 ²
Net Weight	42.2 kg/93 lb ²
Warranty	2 years

	RCF	RADIUS
	Cryofuge 6000i; 8500i	
Maximum (Double Blood Bag)	5,312 xg; 5,312 xg ²	297.0 mm
Minimum (Double Blood Bag)	2,773 xg; 2,773 xg ²	
Maximum (Round)	6,010 xg; 8,525 xg ²	299.0 mm
Minimum (Round)	4,248 xg; 4,248 xg ²	
Maximum (Double Rectangular)	4,984 xg; 7,070 xg ²	248.0 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

Windshielded Swinging Bucket Rotor Package includes:

Description	Cat. No.
Windshielded Swinging Bucket Rotor for Cryofuge 6000i/8500i Centrifuge (included with each centrifuge)	75006606

Accessories:

Description	Cat. No.
Double Blood Bag Bucket	75007617
Rubber Volume Compensation Plates for Double Blood Bag Bucket (qty. 12)	75006681
Rubber Balancing Plates for Double Blood Bag Bucket (qty. 4)	75005759
Hook Adapters for Cord Blood Separations for Double Blood Bag Bucket and Adapter 76007677 ³	75015638
Round Bucket	75008165
Aerosol Tight Sealing Cap for Round Bucket	75008081
Double Rectangular Bucket	76008078

LABWARE ORDERING INFORMATION (Double Blood Bag Bucket)

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm) ¹	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
500.0	—	Quint, Quad, Triple Blood Bag with in-line filters and filter holder "XXL"	—	—	12	—	—	—	Adapter	76007677	6	For Blood Bag Liner
450.0-500.0	—	Quad, Triple Blood Bag "XL"	—	—	12	—	—	—	Adapter	76007657	6	For Blood Bag Liner

¹ Maximum speed ² With double blood bag bucket.

³ Maximum RCF with hook adapters is 1,328 xg.

LABWARE ORDERING INFORMATION (Double Blood Bag Bucket - Continued)

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm) ¹	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
450.0	—	Triple Blood Bag "L"	—	—	12	—	—	—	Adapter	76007647	6	For Blood Bag Liner
450.0	—	Double Blood Bag "M"	—	—	12	—	—	—	Adapter	76007667	6	For Blood Bag Liner

LABWARE ORDERING INFORMATION (Round Bucket)

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm) ¹	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
1000.0	—	Single, Double, Triple Blood Bag	—	1	6	4,240/5,050	6,010/8,525	—	Closure Adapter	Included 75006639	6 1	For Blood Bag Liner 1 place/adapter
1000.0	—	PP Bottle with Screw Cap, Graduated	75006613	1	6	4,240/5,051	6,010/8,526	100 x 190	Closure	Included	1	Screw Top
1000.0	—	Nalgene® PPCO Bottle	3120-1000	16	6	4,240/5,051	6,010/8,526	98 x 185	Closure	Included	16	Screw Top
1000.0	—	Nalgene PC Bottle	3120-1000	16	6	4,240/5,051	6,010/8,526	98 x 185	Closure	Included	16	Screw Top
750.0	—	PP Bottle with Screw Cap	75008149	1	6	4,240/5,052	6,010/8,527	100 x 148	Closure	Included	6	Screw Top
650.0	—	Standard Tube	75001158	6	6	4,240/5,053	6,010/8,528	84 x 195 ⁵	Closure Adapter	Included 75006637 ⁴	6 1	Screw Top 1 place/adapter
500.0	—	Nalgene PPCO Bottle	3120-0500	24	6	4,240/5,053	6,010/8,528	74 x 170	Closure Adapter	Included 75008145	6 1	Screw Top 1 place/adapter
500.0	—	Nalgene PC Bottle	3122-0500	24	6	4,240/5,053	6,010/8,528	70 x 170	Closure Adapter	Included 75008145	6 1	Screw Top 1 place/adapter
250.0	—	Conical Bottle	—	—	6	—	—	61.5 x 190	Adapter	75008147	1	1 place/adapter
250.0	—	Nalgene PPCO Bottle	3120-0250	36	6	4,240/5,053	6,010/8,528	62.5 x 190	Closure Adapter	Included 75008144	6 1	Screw Top 1 place/adapter
250.0	—	Nalgene PC Bottle	3122-0250	36	6	4,240/5,053	6,010/8,528	62.5 x 190	Closure Adapter	Included 75008144	6 1	Screw Top 1 place/adapter
250.0	—	Borosilicate Round Bottom Tube	76001135	1	6	—	—	59 x 190	Adapter ⁶	75006649	1	1 place/adapter
100.0	—	Standard Bosilicate Tube	76009007	10	12	—	—	45 x 177	Adapter	75008142	1	2 places/adapter
50.0	—	Conical Tube	—	—	42	—	—	29 x 177	Adapter	11210826	1	7 places/adapter
50.0	—	Standard Bosilicate Tube	76009005	10	24	—	—	35 x 177	Adapter	75008140	1	4 places/adapter
25.0	—	Standard Bosilicate Tube	76009006	50	42	—	—	25 x 177	Adapter	75008138	1	7 places/adapter
15.0	—	Conical Tube	—	—	72	—	—	17 x 177	Adapter	75008137	1	12 places/adapter
15.0	—	Blood Collection Tube	—	—	102	—	—	17 x 177	Adapter	75008136	1	17 places/adapter
15.0	—	Standard Bosilicate Tube	76009003	100	114	—	—	17 x 177	Adapter	75008135	1	19 places/adapter
7.0	—	Blood Collection Tube	—	—	114	—	—	14 x 162	Adapter	11210822	1	19 places/adapter
7.0	—	Standard Bosilicate Tube	76009001	100	210	—	—	13 x 177	Adapter	75008133	1	35 places/adapter
1.5/2.0	—	Microtube	—	—	288	—	—	11 x 50	Adapter	75008132	1	48 places/adapter

LABWARE ORDERING INFORMATION (Double Rectangular Bucket)

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm) ¹	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
150.0	—	Borosilicate Round Bottom Tube	76001132	1	12	—	—	55 x 120	Adapter	75005326	1	1 place/adapter
100.0	—	Standard Bosilicate Tube	76009007	10	12	—	—	45 x 120	Adapter	75005325	1	1 place/adapter
50.0	—	Universal Container	—	—	24	—	—	29.5 x 120	Adapter	75005389	1	2 places/adapter
50.0	—	Conical Tube	—	—	36	—	—	29 x 117	Adapter	75002261	1	6 places/adapter
50.0	—	Conical Tube	—	—	24	—	—	29.5 x 120	Adapter	75005386	1	2 places/adapter

¹ Maximum speed with ⁴ Pad required (75001913).⁵ Use only without cap (75008081).⁶ Pad required (75001808).

LABWARE ORDERING INFORMATION (Double Rectangular Bucket - Continued)

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm) ¹	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
50.0	—	Standard Bosilicate Tube	76009005	10	24	—	—	35 x 130	Adapter	75005324	1	2 places/adapter
25.0	—	Universal Container	—	—	48	—	—	25.5 x 120	Adapter	75005391	1	4 places/adapter
25.0	—	Standard Bosilicate Tube	76009006	50	60	—	—	25 x 100	Adapter	75005323	1	5 places/adapter
15.0	—	Conical Tube	—	—	72	—	—	17 x 121	Adapter	75005387	1	6 places/adapter
15.0	—	Blood Collection Tube	—	—	132	—	—	17 x 109	Adapter	75005327	1	11 places/adapter
15.0	—	Standard Bosilicate Tube	76009003	100	144	—	—	17 x 111	Adapter	75005322	1	12 places/adapter
7.0	—	Blood Collection Tube	—	—	144	—	—	14 x 110	Adapter	75005330	1	12 places/adapter
7.0	—	Standard Bosilicate Tube	76009001	100	240	—	—	13 x 110	Adapter	75005321	1	20 places/adapter
1.5	—	Microtube	—	—	480	—	—	11 x 45	Adapter	75005335	1	40 places/adapter


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ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Rotor Body Stainless Steel; Bucket Aluminum
Capacity (Bottle)	4 x 1000 mL
Capacity (Blood Bag)	8 x 550 mL
Maximum Speed	4,400 rpm
Angle	90°
K Factor (Double Blood Bag)	10,885
K Factor (Round)	13,847
K Factor (DoubleSpin)	8,244
Warranty	2 years
Certifications	

	RCF	RADIUS
Maximum (Double Blood Bag)	5,480 xg	253.0 mm
Minimum (Double Blood Bag)	2,379 xg	110.0 mm
Maximum (Round)	5,350 xg	247.0 mm
Minimum (Round)	1,903 xg	88.0 mm
Maximum (DoubleSpin)	4,650 xg	215.0 mm
Minimum (DoubleSpin)	2,487 xg	115.0mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC	
		SORVALL RC-4 Series	Cryofuge 5500i
LH-4000W	Max. Speed	4,400 rpm	4,400 rpm
	Max. RCF	5,480 xg	5,480 xg

LH-4000W Rotor Package includes:

Description	Cat. No.
LH-4000W Rotor	75006476
Windshield	20057930
Windshield Lid	20057931

Accessories:

Description	Cat. No.
Double Blood Bag Bucket	75006436
Round Bucket	75006477
Biocontainment Lid ¹ for Round Bucket (qty. 2)	75006421
Taring Plates: Black Rubber, 2 of 35 g and 2 of 65 g	75005759
Taring Sticks: 4 of 6 g and 15 g	75007645
Volume Adjustment Plates (qty. 12)	75006681
DoubleSpin™ Bucket	75006478
Biocontainment Lid ¹ for DoubleSpin Bucket (qty. 2)	75006479
Microplate Adapter for DoubleSpin Bucket (qty. 1)	75006486

¹ When used with lids, sealed buckets offers biocontainment protection certified by Porton Down.

LABWARE ORDERING INFORMATION (Double Blood Bag Bucket)

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
500.0	–	Quint, Quad, Triple Blood Bag with in-line filters and filter holder	–	–	8	–	–	–	Adapter	76007677	6	For Blood Bag Liner
450.0-500.0	–	Quad, Triple Blood Bag "XL"	–	–	8	–	–	–	Adapter	76007657	6	For Blood Bag Liner
450.0	–	Triple Blood Bag "L"	–	–	8	–	–	–	Adapter	76007647	6	For Blood Bag Liner
450.0	–	Double Blood Bag "M"	–	–	8	–	–	–	Adapter	76007667	6	For Blood Bag Liner

LABWARE ORDERING INFORMATION (Round Bucket)

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
400.0-500.0	–	Quad Blood Bag "L/M"	–	–	4	–	–	–	Adapter	75006496	2	For Blood Bag Liner
250.0	–	Blood Bag	–	–	4	–	–	–	Adapter	75006485	2	For Blood Bag Liner
1000.0	–	Nalgene® PPCO Bottle	3120-1000	16	4	4,400	5,350	98 x 185	Closure	Included	16	Screw Top
1000.0	–	Nalgene PC Bottle	3122-1000	16	4	4,400	5,350	98 x 185	Closure	Included	16	Screw Top
500.0	–	Conical Bottle	–	–	4	–	–	96 x 190	Adapter	75006438	1	1 place/adapter
500.0	–	Nalgene PPCO Bottle	3120-0500	24	4	–	4,800	74 x 170	Closure	Included	24	Screw Top
									Adapter	75008145	1	1 place/adapter
500.0	–	Nalgene PC Bottle	3122-0500	24	4	4,400	5,350	70 x 170	Closure	Included	24	Screw Top
									Adapter	75008145	1	1 place/adapter
250.0	–	Conical Bottle	–	–	4	–	–	61 x 170	Adapter	75008147	1	1 place/adapter
250.0	–	Nalgene PPCO Oak Ridge Bottle	3120-0250	36	4	4,400	5,350	62 x 145	Adapter	75008144	1	1 place/adapter
250.0	–	Nalgene PC Oak Ridge Bottle	3122-0250	36	4	4,400	5,350	62 x 145	Adapter	75008144	1	1 place/adapter
175.0-225.0	–	Conical Bottle	–	–	4	–	–	62 x 145	Adapter	75008144	1	1 place/adapter
									Adapter	03095	1	1 place/adapter
50.0	–	Conical Tube	–	–	28	–	–	29 x 177	Adapter	11210826	1	7 places/adapter
50.0	–	Skirted Conical Tube	–	–	20	–	–	29 x 177	Adapter	75006533	1	5 places/adapter
15.0	–	Conical Tube	–	–	48	–	–	19 x 177	Adapter	75008137	1	12 places/adapter
15.0	–	Standard Tube	–	–	76	–	–	17 x 177	Adapter	75008135	1	19 places/adapter
10.0-15.0	–	Blood Collection Tube	–	–	68	–	–	17 x 177	Adapter	75008136	1	17 places/adapter
10.0	–	Blood Collection Tube	–	–	84	–	–	16 x 177	Adapter	11210821	4	21 places/adapter
5.0-7.0	–	Blood Collection Tube	–	–	108	–	–	13 x 177	Adapter	11210822	4	27 places/adapter
7.0	–	Standard Tube	–	–	140	–	–	13 x 177	Adapter	75008133	1	35 places/adapter
1.5-2.0	–	Microtube	–	–	192	–	–	11 x 50	Adapter	75008132	1	48 places/adapter

LABWARE ORDERING INFORMATION (DoubleSpin Bucket)

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
50.0	–	Conical Tube	–	–	32	–	–	29 x 140	Adapter ²	75006461	1	4 places/adapter
50.0	–	Conical Tube	–	–	32	–	–	29 x 140	Adapter ²	75006491	1	4 places/adapter
15.0	–	Conical Tube	–	–	72	–	–	19 x 150	Adapter ²	75006456	1	9 places/adapter
15.0	–	Conical Tube	–	–	96	–	–	19 x 150	Adapter	75006468	1	24 places/adapter
10.0-15.0	–	Blood Collection Tube	–	–	128	–	–	17 x 147	Adapter ²	75008136	1	16 places/adapter
5.0-7.0	–	Blood Collection Tube	–	–	160	–	–	13 x 150	Adapter ²	75006454	1	20 places/adapter
7.0	–	Standard Tube	–	–	224	–	–	13 x 151	Adapter ²	75006453	1	28 places/adapter
1.5-2.0	–	Microtube	–	–	448	–	–	11 x 50	Adapter ²	75006452	1	56 places/adapter
–	–	Standard Microplate	–	–	32	–	–	–	Adapter	75006486	1	Microplate Carrier

² Must order 2 adapters per bucket.


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ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Rotor Body Stainless Steel; Bucket Aluminum
Capacity (Bottle)	4 x 1000 mL
Capacity (Blood Bag)	4 x 550 mL
Maximum Speed	4,400 rpm
Angle	90°
K Factor (Round)	13,487
K Factor (DoubleSpin)	8,244
Warranty	2 years
Certifications	

	RCF	RADIUS
Maximum (Round)	5,346 xg	247.0 mm
Minimum (Round)	1,903 xg	88.0 mm
Maximum (DoubleSpin)	4,654 xg	215.0 mm
Minimum (DoubleSpin)	2,487 xg	115.0 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC	
		SORVALL RC-4 Series	Cryofuge 5500i
LH-4000	Max. Speed	4,400 rpm	4,400 rpm
	Max. RCF	5,346 xg	5,346 xg

LH-4000 Rotor Package includes:

Description	Cat. No.
LH-4000 Rotor ¹	75006475

Accessories:

Description	Cat. No.
Round Bucket	75006477
Biocontainment Lid ² for Round Bucket (qty. 2)	75006421
Taring Plates: Black Rubber, 2 of 35 g and 2 of 65 g	75005759
Taring Sticks: 4 of 6 g and 15 g	75007645
Volume Adjustment Plates (qty. 12)	75006681
DoubleSpin™ Bucket	75006478
Biocontainment Lid ² for DoubleSpin Bucket (qty. 2)	75006479
Microplate Adapter for DoubleSpin Bucket (qty. 1)	75006486

¹ Rotor can only be used with 230V Cryofuge centrifuge models.

² When used with lids, sealed buckets offers biocontainment protection certified by Porton Down.

LABWARE ORDERING INFORMATION (Round Bucket)

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
400.0-500.0	–	Quad Blood Bag "L/M"	–	–	4	–	–	–	Adapter	75006496	2	For Blood Bag Liner
250.0	–	Blood Bag	–	–	4	–	–	–	Adapter	75006485	1	For Blood Bag Liner
1000.0	–	Nalgene® PPCO Bottle	3120-1000	16	4	4,400	5,350	98 x 185	Closure	Included	16	Screw Top
1000.0	–	Nalgene PC Bottle	3122-1000	16	4	4,400	5,350	98 x 185	Closure	Included	16	Screw Top
500.0	–	Conical Bottle	–	–	4	4,400	5,350	96 x 190	Adapter	75006438	1	1 place/adapter
500.0	–	Nalgene PPCO Bottle	3120-0500	24	4	–	4,800	74 x 170	Closure	Included	24	Screw Top
									Adapter	75008145	1	1 place/adapter
500.0	–	Nalgene PC Bottle	3122-0500	24	4	4,400	5,350	70 x 170	Closure	Included	24	Screw Top
									Adapter	75008145	1	1 place/adapter
250.0	–	Conical Bottle	–	–	4	–	–	61 x 170	Adapter	75008147	1	1 place/adapter
250.0	–	Nalgene PPCO Oak Ridge Bottle	3120-0250	36	4	4,400	5,350	62 x 145	Adapter	75008144	1	1 place/adapter
250.0	–	Nalgene PC Oak Ridge Bottle	3122-0250	36	4	4,400	5,350	62 x 145	Adapter	75008144	1	1 place/adapter
175.0-225.0	–	Conical Bottle	–	–	4	–	–	62 x 145	Adapter	75008144	1	1 place/adapter
									Adapter	03095	1	1 place/adapter
50.0	–	Conical Tube	–	–	28	–	–	29 x 177	Adapter	11210826	4	7 places/adapter
50.0	–	Skirted Conical Tube	–	–	20	–	–	29 x 177	Adapter	75006533	1	5 places/adapter
15.0	–	Conical Tube	–	–	48	–	–	19 x 177	Adapter	75008137	1	12 places/adapter
15.0	–	Standard Tube	–	–	76	–	–	17 x 177	Adapter	75008135	1	19 places/adapter
10.0-15.0	–	Blood Collection Tube	–	–	68	–	–	17 x 177	Adapter	75008136	1	17 places/adapter
10.0	–	Blood Collection Tube	–	–	84	–	–	16 x 177	Adapter	11210821	4	21 places/adapter
5.0-7.0	–	Blood Collection Tube	–	–	108	–	–	13 x 177	Adapter	11210822	4	27 places/adapter
7.0	–	Standard Tube	–	–	140	–	–	13 x 177	Adapter	75008133	1	35 places/adapter
1.5-2.0	–	Microtube	–	–	192	–	–	11 x 50	Adapter	75008132	1	48 places/adapter

LABWARE ORDERING INFORMATION (DoubleSpin Bucket)

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
50.0	–	Conical Tube	–	–	32	–	–	29 x 140	Adapter ³	75006461	1	4 place/adapter
15.0	–	Conical Tube	–	–	72	–	–	19 x 150	Adapter ³	75006456	1	9 place/adapter
10.0-15.0	–	Blood Collection Tube	–	–	128	–	–	17 x 147	Adapter ³	75008136	1	16 place/adapter
5.0-7.0	–	Blood Collection Tube	–	–	160	–	–	13 x 150	Adapter ³	75006454	1	20 place/adapter
7.0	–	Standard Tube	–	–	224	–	–	13 x 151	Adapter ³	75006453	1	28 place/adapter
1.5-2.0	–	Microtube	–	–	448	–	–	11 x 50	Adapter ³	75006452	1	56 place/adapter
–	–	Standard Microplate	–	–	32	–	–	–	Adapter	75006486	1	Microplate Carrier

³ Must order 2 adapters per bucket.


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ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Rotor Body Stainless Steel; Bucket Aluminum
Capacity	4 x 250 mL
Maximum Speed	5,850 rpm
Angle	90°
Warranty	2 years
Certifications	

	RCF	RADIUS
Maximum	6,963 xg	182.0 mm
Minimum	5,275 xg	138.0 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC	
		SORVALL RC-4 Series	Cryofuge 5500i/
BIOShield	Max. Speed	5,850 rpm	5,850 rpm
	Max. RCF	6,963 xg	6,963 xg

BIOShield Rotor Package includes:

Description	Cat. No.
BIOShield® Rotor	75006435
Rotor Cross Windshield	70057470
Rotor Windshield	20057472
Aluminum Rotor Bucket (qty. 4)	70057471
Rotor Lid	20056832
Grease	70006692
Lubricant	76003500
Instruction Manual	50073893

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
50.0	—	Conical Tube	—	—	16	—	—	29 x 119	Adapter	75006461	1	4 places/adapter
50.0	—	Round Bottom Tube	—	—	16	—	—	29 x 119	Adapter	75006491	1	4 places/adapter
15.0	—	Conical Tube	—	—	36	—	—	19 x 119	Adapter	75006456	1	9 places/adapter
10.0-15.0	—	Blood Collection Tube	—	—	64	—	—	17 x 117	Adapter	75006455	1	16 places/adapter
5.0-7.0	—	Blood Collection Tube	—	—	80	—	—	13 x 117	Adapter	75006454	1	20 places/adapter
7.0	—	Standard Tube	—	—	117	—	—	13 x 117	Adapter	75006453	1	28 places/adapter
1.5-2.0	—	Microtube	—	—	224	—	—	11 x 50	Adapter	75006452	1	56 places/adapter

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ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Rotor Body Stainless Steel; Bucket Aluminum
Capacity (Microplate)	10 Standard, 2 Deepwell
Maximum Speed	5,650 rpm
Angle	90°
Warranty	2 years

	RCF	RADIUS
Maximum	5,889 xg	165.0 mm
Minimum	3,744 xg	105.0 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC	
		SORVALL RC-4 Series	Cryofuge 5500i/
HIGHPlate Windshielded	Max. Speed	5,650 rpm	5,650 rpm
	Max. RCF	5,889 xg	5,889 xg

HIGHPlate Windshielded Rotor Package includes:

Description	Cat. No.
HIGHPlate® Windshielded Rotor	75006444
Rotor Cross Windshield	70057470
Windshield	20057472
Buckets (qty. 4)	70057471
Rotor Lid	20056832
Grease	70006692
Lubricant	76003500
Instruction Manual	50073893

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
–	–	Standard Microplate ¹	–	–	10	5,650	5,889	Max. height 20 mm	–	–	–	–
–	–	Deepwell Microplate ¹	–	–	2	5,650	5,889	Max. height 83 mm	–	–	–	–

¹ Performance depends upon tube brand. Contact your sales representative for recommended tube manufacturers and further information.

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ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Rotor Body Stainless Steel; Bucket Aluminum
Capacity (Microplate)	Varies per rack
Maximum Speed	3,500 rpm
Angle	90°
Warranty	2 years

	RCF	RADIUS
Maximum	2,550 xg	186.0 mm
Minimum	1,929 xg	141.0 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC	
		SORVALL RC-4 Series	Cryofuge 5500i
Diagnostik Rack	Max. Speed	3,500 rpm	3,500 rpm
	Max. RCF	2,550 xg	2,550 xg

Diagnostik Rack Rotor Package includes:

Description	Cat. No.
Diagnostik™ Rack Rotor	75006480
Rotor Body	70060333
Diagnostik Rotor Bucket (qty. 2)	70060335
Grease	70006692

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims LxW (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
–	–	Hitachi® Tube	–	–	100	–	–	118 x 20	Adapter	75006416	2	Tube Tray
–	–	Olympus® Tube	–	–	120	–	–	117 x 20	Adapter	75006417	2	Tube Tray
–	–	Systemex® Tube	–	–	120	–	–	200 x 25	Adapter	75006418	2	Tube Tray
–	–	Dade-Behring® Tube	–	–	40	–	–	–	Adapter	75006419	2	Tube Tray

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ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Rotor Body Stainless Steel; Bucket Aluminum
Capacity (Bottle)	6 x 1000 mL
Capacity (Blood Bag)	12 x 550 mL
Capacity (Microplate)	48 Standard, 18 Deepwell ¹
Maximum Speed	4,250 rpm; 3,800 rpm ²
Bucket Dimensions W x L x D (Round)	148.5 x 117 x 146 mm
Bucket Dimensions W x L x D (Rectangular)	148 x 153 x 115 mm
Bucket Dimensions W x L x D (Oval)	148.5 x 121 x 200 mm
Angle	90°
K Factor (Round)	15,997
K Factor (Rectangular)	8,757
K Factor (Oval)	13,426
Warranty	7 years
Certifications³	

	RCF	RADIUS
Maximum (Round)	5,735 xg; 4,535 xg ²	284.0 mm
Minimum (Round)	2,302 xg; 1,840 xg ²	114.0 mm
Maximum (Rectangular)	5,392 xg; 4,310 xg ²	267.0 mm
Minimum (Rectangular)	3,271 xg; 2,615 xg ²	162.0 mm
Maximum (Oval)	5,674 xg; 4,536 xg ²	281.0 mm
Minimum (Oval)	2,644 xg; 2,114 xg ²	131.0 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC Sorvall HT6, KR4i Series
RP6 Windshielded	Max. Speed	4,250 rpm
	Max. RCF	5,735 xg

RP6 Windshielded Rotor Package includes:

Description	Cat. No.
RP6 Windshielded Rotor	11178252
Lubricant	76003500
Instruction Manual	50114404

Accessories:

Description	Cat. No.
RP6 Windshield Rotor Lid	11178119
Sealed Round Bucket ³ (qty. 6)	11178135
Replacement Sealing Lid for Round Bucket ³ (qty. 1)	25144058
Unsealed Round Buckets (qty. 1)	11178136
Sealed Rectangular Buckets ³ (qty. 6)	11178140
Replacement Sealing Lid for Rectangular Bucket ³ (qty. 1)	11178216
Unsealed Rectangular Buckets (qty. 1)	11178138
Oval Blood Bag Buckets (qty. 6)	11178155

¹ Accommodates 18 half-deepwell or 12 standard deepwell microplates² Without lid.³ When used with lid, sealed buckets offers biocontainment protection certified by Porton Down.

LABWARE ORDERING INFORMATION (Round Bucket)

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
1,000.0	—	Nalgene® PPCO Bottle	3120-1000	16	6	4,250	5,735	98 x 185	Closure Adapter	Included	16	Screw Top
										11178203	1	1 place/adapter
1,000.0	—	Nalgene PC Bottle	3122-1000	16	6	4,250	5,735	98 x 185	Closure Adapter	Included	16	Screw Top
										11178203	1	1 place/adapter
500.0	—	Nalgene PPCO Bottle	3120-0500	24	6	—	4,800	69.5 x 170	Closure Adapter	Included	24	Screw Top
										11178312	6	Adapter
500.0	—	Nalgene PC Bottle	3122-0500	24	6	4,250	5,735	69.5 x 170	Closure Adapter	Included	24	Screw Top
										11178312	6	Adapter
450.0-550.0	—	Quad/Triple Blood Bag	—	—	6	—	—	—	Adapter	11178203	1	For Blood Bag Liner
450.0-550.0	—	Double Blood Bag	—	—	6	—	—	—	Adapter	11178108	1	For Blood Bag Liner
250.0	—	Conical Bottle	—	—	6	—	—	62 x 128	Adapter	11178313	6	1 place/adapter
250.0	—	Nalgene PPCO Oak Ridge Bottle	3120-0250	36	6	4,250	5,735	63 x 160	Adapter	11178311	6	1 place/adapter
250.0	—	Nalgene PC Bottle	3122-0250	36	6	4,250	5,735	63 x 160	Adapter	11178311	6	1 place/adapter
50.0	—	Conical Tube	—	—	30	—	—	30 x 115	Adapter	11178308	6	5 places/adapter
20.0	—	Standard Tube	—	—	72	—	—	22.2 x 148	Adapter	11178306	1	12 places/adapter
15.0	—	Conical Tube	—	—	72	—	—	17 x 122	Adapter	11178304	6	12 places/adapter
10.0-15.0	—	Blood Collection Tube	—	—	114	—	—	17 x 150	Adapter	11178212	6	19 places/adapter
5.0-7.0	—	Blood Collection Tube	—	—	120	—	—	13.5 x 150	Adapter	11178211	6	20 places/adapter
6.0	—	Standard Tube	—	—	180	—	—	13.5 x 107	Adapter	11178210	1	30 places/adapter
3.0-5.0	—	Standard Tube	—	—	222	—	—	12.5 x 107	Adapter	11178208	1	37 places/adapter

LABWARE ORDERING INFORMATION (Rectangular Bucket)

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
250.0	—	Oak Ridge Bottle	—	—	12	—	—	63 x 125	Adapter ⁴	11175356	4	1 place/adapter
250.0	—	Nalgene PPCO Oak Ridge Bottle	3120-0250	36	6	4,250	5,735	63 x 160	Adapter	11178311	6	1 place/adapter
250.0	—	Nalgene PC Bottle	3122-0250	36	6	4,250	5,735	63 x 160	Adapter	11178311	6	1 place/adapter
50.0	—	Conical Tube	—	—	36	—	—	30 x 117	Adapter ⁴	11175354	4	3 places/adapter
50.0	—	Round Bottom Tube	—	—	30	—	—	30.5 x 122	Adapter ⁴	11175353	4	4 places/adapter
20.0	—	Standard Tube	—	—	96	—	—	22.2 x 116	Adapter ⁴	11175351	4	8 places/adapter
15.0	—	Conical Tube	—	—	84	—	—	18 x 122	Adapter ⁴	11175348	4	7 places/adapter
15.0	—	Blood Collection Tube	—	—	84	—	—	16.5 x 127	Adapter ⁴	11175349	4	7 places/adapter
12.0	—	Flat Bottom Tube	—	—	84	—	—	18 x 122	Adapter ⁴	11175358	4	7 places/adapter
10.0	—	Blood Collection Tube	—	—	144	—	—	16.5 x 112	Adapter ⁴	11175346	4	12 places/adapter
5.0-10.0	—	Standard Tube	—	—	144	—	—	17.5 x 112	Adapter ⁴	11175347	4	12 places/adapter
5.0-7.0	—	Blood Collection Tube	—	—	216	—	—	13.5 x 107	Adapter ⁴	11175345	4	18 places/adapter
6.0	—	Standard Tube	—	—	240	—	—	13.5 x 107	Adapter ⁴	11175344	4	20 places/adapter
5.0	—	Standard Tube	—	—	312	—	—	12.7 x 107	Adapter ⁴	11175343	4	26 places/adapter
1.5	—	Conical Microtube	—	—	240	—	—	11 x 35	Adapter ⁴	11175341	4	20 places/adapter
—	—	Standard Microplate	—	—	48	—	—	127 x 85	Carrier	11178190	1	Microplate Carrier
—	—	Deepwell Microplate	—	—	18 ¹	—	—	—	Carrier	11178190	1	Microplate Carrier

¹ Accommodates 18 half-deepwell or 12 standard deepwell microplates⁴ 2 adapters required per bucket.

LABWARE ORDERING INFORMATION (Oval Blood Bag Bucket)

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
450.0-500.0	–	Quin/Quad Blood Bag with 1 partition	–	–	12	–	–	–	Adapter	11178156	1	For Blood Bag Liner
450.0-500.0	–	Quin/Quad Blood Bag without partition	–	–	12	–	–	–	Adapter	11178157	1	For Blood Bag Liner
200.0	–	Blood Bag without partition	–	–	24	–	–	–	Adapter	11178195	1	4 places/adapter For Blood Bag Liner


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ROTOR SPECIFICATIONS

Type	Swinging Bucket	
Material	Rotor Body Stainless Steel; Bucket Aluminum	
Capacity (Bottle)	6 x 1000 mL	
Capacity (Blood Bag)	12 x 550 mL	
Maximum Speed	4,900 rpm; 4,300 rpm ¹	
Bucket Dimensions W x L x D	148.5 x 117 x 146 mm	
Angle	90°	
K Factor	10,339; 13,426 ¹	
Warranty	7 years	
Certifications		
	RCF	RADIUS
Maximum	7,301 xg; 5,623 xg ¹	272.0 mm
Minimum	2,737 xg; 2,108 xg ¹	102.0 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC KR4i Series
RC6 Windshielded	Max. Speed	4,300 rpm
	Max. RCF	5,623 xg

RC6 Windshielded Rotor Package includes:

Description	Cat. No.
RC6 Windshielded Rotor	11178254
Lubricant	76003500
Instruction Manual	50114404

Accessories:

Description	Cat. No.
RC6 Windshielded Rotor Lid ²	11178111
Sealed ³ Round Bucket (qty. 6)	11178135
Replacement Sealing Lid ² for Round Bucket (qty. 1)	25144058
Round Bucket (qty. 6)	11178136

LABWARE ORDERING INFORMATION (Round Bucket)

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
1000.0	-	Nalgene® PPCO Bottle	3120-1000	16	6	4,250	5,735	98 x 185	Closure	Included	16	Screw Top
									Adapter	11178203	1	1 place/adapter
1000.0	-	Nalgene PC Bottle	3122-1000	16	6	4,250	5,735	98 x 185	Closure	Included	16	Screw Top
									Adapter	11178203	1	1 place/adapter
500.0	-	Nalgene PPCO Bottle	3120-0500	24	6	4,250	7,535	74 x 170	Closure	Included	24	Screw Top
									Adapter	11178312	6	Adapter

¹ Without lid.² When used with lid, sealed buckets offers biocontainment protection certified by Porton Down.

LABWARE ORDERING INFORMATION (Round Bucket) CONTINUED

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
500.0	—	Nalgene PC Bottle	3122-0500	24	6	4,250	5,735	70 x 170	Closure Adapter	Included 11178312	24 6	Screw Top Adapter
450.0-500.0	—	Quad/Triple Blood Bag	—	—	6	—	—	—	Adapter	11178203	1	For Blood Bag Liner
450.0-500.0	—	Double Blood Bag	—	—	6	—	—	—	Adapter	11178108	1	For Blood Bag Liner
250.0	—	Conical Bottle	—	—	6	—	—	61 x 170	Adapter	11178313	6	1 place/adapter
250.0	—	Nalgene PPCO Bottle	3120-0250	36	6	4,250	5,735	63 x 160	Adapter	11178311	6	1 place/adapter
250.0	—	Nalgene PC Bottle	3122-0250	36	6	4,250	5,735	63 x 160	Adapter	11178311	6	1 place/adapter
250.0	—	Oak Ridge Bottle	—	—	6	—	—	63 x 160	Adapter	11178311	6	1 place/adapter
50.0	—	Conical Tube	—	—	30	4,250	5,735	30 x 115	Adapter	11178308	6	5 places/adapter
20.0	—	Standard Tube	—	—	72	4,250	5,735	22.2 x 148	Adapter	11178306	1	12 places/adapter
15.0	—	Conical Tube	—	—	72	4,250	5,735	17 x 122	Adapter	11178304	6	12 places/adapter
10.0-15.0	—	Blood Collection Tube	—	—	114	—	—	17 x 150	Adapter	11178212	6	19 places/adapter
5.0-7.0	—	Blood Collection Tube	—	—	120	—	—	13.5 x 150	Adapter	11178211	6	20 places/adapter
6.0	—	Standard Tube	—	—	180	—	—	13.5 x 107	Adapter	11178210	1	30 places/adapter
3.0-5.0	—	Standard Tube	—	—	222	—	—	12.5 x 107	Adapter	11178208	1	37 places/adapter

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ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Rotor Body Stainless Steel; Bucket Aluminum
Capacity (Bottle)	4 x 1000 mL
Capacity (Blood Bag)	8 x 550 mL
Maximum Speed	4,250 rpm; 4,000 rpm ¹
Bucket Dimensions W x L x D (Rectangular)	159 x 170 x 155 mm
Angle	90°
K Factor (Round)	12,994; 14,669 ¹
K Factor (Rectangular)	11,628; 13,127 ¹
Warranty	7 years

	RCF	RADIUS
Maximum (Round)	5,513 xg; 4,883 xg ¹	273.0 mm
Minimum (Round)	2,180 xg; 1,931 xg ¹	108.0 mm
Maximum (Rectangular)	5,372 xg; 4,758 xg ¹	266.0 mm
Minimum (Rectangular)	2,342 xg; 2,075 xg ¹	116.0 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

THERMO SCIENTIFIC
KR4i Series

RP4 Windshielded	Max. Speed	4,250 rpm
	Max. RCF	5,372 xg

RP4 Windshielded Rotor Package includes:

Description	Cat. No.
RP4 Windshielded Rotor	11178250
Lubricant	76003500
Instruction Manual	50114404

Accessories:

Description	Cat. No.
RP4 Windshielded Rotor Lid	11178073
Round Bucket (qty. 4)	11178143
Rectangular Bucket (qty. 4)	11178108

LABWARE ORDERING INFORMATION (Rectangular Bucket)

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
450.0-500.0	—	Quin/Quad Blood Bag with 1 partition	—	—	8	4,250	5,372	—	Adapter	11178158	1	For Blood Bag Liner
450.0-500.0	—	Quin/Quad Blood Bag without partition	—	—	8	4,250	5,372	—	Adapter	11178159	1	For Blood Bag Liner
400.0-500.0	—	Quin/Quad Blood Bag with filter in line	—	—	8	4,250	5,372	—	Adapter	11178170	1	For Blood Bag Liner

¹ Without lid.

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Large Capacity Rotors

Thermo Scientific RHK4B Rotor

RHK4B



ROTOR SPECIFICATIONS

Type	Swinging Bucket	
Material	Aluminum	
Capacity	360 x 1.5 mL	
Maximum Speed	3,300 rpm	
Bucket Dimensions W x L x D	334 x 186 x 129 mm	
Angle	90°	
K Factor	20,274	
Warranty	7 years	
	RCF	RADIUS
Maximum	2,300 xg	189.0 mm
Minimum	961 xg	79.0 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC Sorvall HT6, KR4i Series
RHK4B	Max. Speed	3,300 rpm
	Max. RCF	2,300 xg

RHK4B Rotor Package includes:

Description	Cat. No.
RHK4B Rotor	11178255
Lubricant	76003500
Instruction Manual	50114404

Accessories:

Description	Cat. No.
RIA Rectangular Buckets (qty. 2)	11174023

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
1.5	–	LKB Rack (set of 2 x 15)	–	–	360	3,300	2,300	11.5 x 35	Adapter	11178801	2	Tray for use with LKB Racks
55.0	–	11 x 50 mm Tube	–	–	66	3,300	2,300	31 x 110	Adapter	11179472	2	Nylon Insert

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ROTOR SPECIFICATIONS

Type	Swinging Bucket
Material	Carbon Fiber Composite
Capacity	2 x 500 mL
Maximum Speed	3,200 rpm
Tube Dimensions (mm)	96 x 146
Angle	90°
Net Weight	9.25 kg (4.31 lbs.)
Warranty	15 years

	RCF	RADIUS
Maximum	1,940 xg	189.0 mm
Minimum	344 xg	84.0 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC SORVALL RC-3 Series	BECKMAN® J6 Series
Fiberlite H3-LV	Cat. No.	096-028016	096-028015
	Max. Speed	3,200 rpm	3,200 rpm
	Max. RCF	1,940 xg	1,940 xg

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
500.0	–	Corning® Disposable Conical Tube ¹	–	–	2	3,200	1,940	96 x 146	Adapter	018-029023	2	1 place/adapter
250.0	–	Corning Disposable Conical Tube ¹	–	–	4	3,200	1,940	–	Adapter	018-029024	2	1 place/adapter
50.0	–	Nunc™ Disposable Conical Tube	334959	25	20	3,200	1,940	30 x 115	Closure	Included	25	PP Sealing
50.0	–	Corning Disposable Conical Tube ¹	–	–	20	3,200	1,940	–	Adapter	018-029019	2	10 places/adapter
50.0	–	BD Falcon® Disposable Conical Tube ¹	–	–	20	3,200	1,940	–	Adapter	018-029019	2	10 places/adapter
15.0	–	Nunc Conical Tube	366036	4	40	3,200	1,940	17 x 120	Closure	Included	50	PP Sealing
15.0	–	Corning Disposable Conical Tube ¹	–	–	40	3,200	1,940	–	Adapter	018-029018	2	20 places/adapter
15.0	–	BD Falcon Disposable Conical Tube ¹	–	–	40	3,200	1,940	–	Adapter	018-029018	2	20 places/adapter
10.0	–	Vacutainer® Tube ¹	–	–	72	–	–	16 x 100	Adapter	018-029017	2	36 places/adapter
7.0	–	Vacutainer Tube ¹	–	–	72	–	–	–	Adapter	018-029025	2	36 places/adapter
3.0	–	Vacutainer Tube ¹	–	–	60	–	–	–	Adapter	018-029028	2	30 places/adapter

¹ Performance depends upon tube brand. Contact your sales representative for recommended tube manufacturers and further information.

LABWARE ORDERING INFORMATION CONTINUED

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
–	–	Standard Microplate	–	–	28	3,200	1,940	10 x 62	Adapter	018-029031	2	14 places/adapter
–	–	Deepwell Microplate	–	–	8	3,200	1,940	–	Adapter	018-029031	2	4 places/adapter
–	–	Promega® Slicprep™ 96 Device ¹	–	–	4	–	–	–	Adapter	018-029032	2	2 places/adapter

¹ Performance depends upon tube brand. Contact your sales representative for recommended tube manufacturers and further information.

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ROTOR SPECIFICATIONS

Type	Fixed Angle	
Material	Carbon Fiber Composite	
Capacity	6 x 1000 mL	
Maximum Speed	8,500 rpm	
Bucket Dimensions (mm)	98 x 195	
Angle	20°	
K Factor	5,096	
Net Weight	17.6 kg (38.8 lbs.)	
Warranty	15 years	
	RCF	RADIUS
Maximum	15,900 xg	196.0 mm
Minimum	4,369 xg	54.0 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC SORVALL RC-BIOS
Fiberlite F8-6x1000y	Cat. No.	096-061137
	Max. Speed	8,500 rpm
	Max. RCF	15,900 xg
	Sample Containment ¹	ELC
Fiberlite F8-6x1000y Rotor Package includes:		
	Rotor Lid Assembly	099-061137
	O-ring Refresher Kit ²	021-061137

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
1000.0	1000.0	Nalgene® PPCO Bottle	3141-1002	2	6	8,500	15,900	98 x 195	Closure	Included	2	PP Sealing
1000.0	1000.0	Nalgene PC Bottle	3140-1002	2	6	8,500	15,900	98 x 195	Closure	Included	2	PP Sealing
500.0	450.0	Nalgene PPCO Bottle	3141-0500	24	6	8,500	15,900	70 x 160	Closure	Included	24	PP Sealing
500.0	450.0	Nalgene PC Bottle	3140-0500	24	6	8,500	15,900	70 x 160	Adapter	010-0145	2	1 place/adaptor
500.0	450.0	Nalgene PC Bottle	3140-0500	24	6	8,500	15,900	70 x 160	Closure	Included	24	PP Sealing
500.0	450.0	Nalgene PC Bottle	3140-0500	24	6	8,500	15,900	70 x 160	Adapter	010-0145	2	1 place/adaptor
250.0	—	Corning® Disposable Conical Bottle ³	—	—	6	8,500	15,900	—	Adapter	010-1196	2	1 place/adaptor
250.0	250.0	Nalgene PPCO Bottle	3141-0250	36	6	8,500	15,900	61 x 133	Closure	Included	36	PP Sealing
250.0	250.0	Nalgene PPCO Bottle	3141-0250	36	6	8,500	15,900	61 x 133	Adapter	010-0150	2	1 place/adaptor
250.0	250.0	Nalgene PC Bottle	3140-0250	36	6	8,500	15,900	61 x 133	Closure	Included	36	PP Sealing
250.0	250.0	Nalgene PC Bottle	3140-0250	36	6	8,500	15,900	61 x 133	Adapter	010-0150	2	1 place/adaptor
175.0	175.0	Nalgene PPCO Conical Wide-Mouth Bottle	3143-0175	36	6	8,500	15,900	61 x 144	Closure	Included	36	PP Sealing
175.0	175.0	Nalgene PPCO Conical Wide-Mouth Bottle	3143-0175	36	6	8,500	15,900	61 x 144	Adapter	010-1132	2	1 place/adaptor

¹ Sample containment may vary by rotor. ELC denotes Enhanced Liquid Containment.

² Includes 5 O-rings, 3 O-ring Grease Packets and 4 oz FiberClene Lab Cleaner (017-0024).

³ Performance depends upon tube brand. Contact your sales representative for recommended tube manufacturers and further information.

LABWARE ORDERING INFORMATION CONTINUED

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
175.0	175.0	Nalgene PC Conical Wide-Mouth Bottle	3144-0175	36	6	8,500	15,900	61 x 144	Closure Adapter	Included	36	PP Sealing
										010-1132	2	1 place/adapter
80.0	73.0	PC Oak Ridge Tube	010-0515	6	18	8,500	15,900	38 x 109	Closure Adapter	Included	36	PP Sealing
										010-1093	2	3 places/adapter
80.0	76.0	PP Oak Ridge Tube	010-1280	6	18	8,500	15,900	38 x 109	Closure Adapter	Included	36	PP Sealing
										010-1093	2	3 places/adapter
85.0	81.0	PC Oak Ridge Tube	3118-0085	100	18	8,500	15,900	38 x 109	Closure Adapter	Included	100	PP Sealing
										010-1093	2	3 places/adapter
50.0	50.0	Nunc™ Disposable Conical Tube	334959	25	30	8,500	15,900	30 x 115	Closure Adapter	Included	25	PP Sealing
										010-0180	2	5 places/adapter
50.0	–	Corning Disposable Conical Tube ³	–	–	30	–	–	–	Adapter	010-0180	2	5 places/adapter
50.0	–	BD Falcon® Disposable Conical Tube ³	–	–	30	–	–	–	Adapter	010-0180	2	5 places/adapter
50.0	46.0	Nalgene PC Oak Ridge Tube	3138-0050	50	36	8,500	15,900	29 x 115	Closure Adapter	Included	50	PP Sealing
										010-1091	2	6 places/adapter
50.0	46.0	Nalgene PPCO Oak Ridge Tube	3139-0050	50	36	8,500	15,900	29 x 115	Closure Adapter	Included	50	PP Sealing
										010-1091	2	6 places/adapter
50.0	46.0	Nalgene PSF Oak Ridge Tube	3137-0050	50	36	8,500	15,900	29 x 115	Closure Adapter	Included	50	PP Sealing
										010-1091	2	6 places/adapter
50.0	46.0	Nalgene FEP Oak Ridge Tube	3114-0050	10	36	8,500	15,900	29 x 115	Closure Adapter	Included	10	ETFE Screw Cap
										010-1091	2	6 places/adapter
30.0	30.0	Nalgene PC Oak Ridge Tube	3138-0030	50	42	8,500	15,900	26 x 102	Closure Adapter	Included	50	PP Sealing
										010-1095	2	7 places/adapter
30.0	30.0	Nalgene PPCO Oak Ridge Tube	3139-0030	50	42	8,500	15,900	26 x 102	Closure Adapter	Included	50	PP Sealing
										010-1095	2	7 places/adapter
30.0	30.0	Nalgene PSF Oak Ridge Tube	3137-0030	50	42	8,500	15,900	26 x 102	Closure Adapter	Included	50	PP Sealing
										010-1095	2	7 places/adapter
30.0	30.0	Nalgene FEP Oak Ridge Tube	3114-0030	10	42	8,500	15,900	26 x 102	Closure Adapter	Included	10	ETFE Screw Cap
										010-1095	2	7 places/adapter
16.0	16.0	Nalgene PC Oak Ridge Tube	3139-0016	50	84	8,500	15,900	18 x 107	Closure Adapter	Included	50	PP Sealing
										010-1087	2	14 places/adapter
16.0	16.0	Nalgene PPCO Oak Ridge Tube	3138-0016	50	84	8,500	15,900	18 x 107	Closure Adapter	Included	50	PP Sealing
										010-1087	2	14 places/adapter
15.0	–	Corning Disposable Conical Tube ³	–	–	72	–	–	–	Adapter	010-1079	2	12 places/adapter
15.0	–	BD Falcon Disposable Conical Tube ³	–	–	72	–	–	–	Adapter	010-1079	2	12 places/adapter
10.0	8.0	Nalgene PPCO Oak Ridge Tube	3139-0010	50	108	8,500	15,900	16 x 100	Closure Adapter	Included	50	PP Sealing
										010-1307	2	18 places/adapter
10.0	8.0	Nalgene PC Oak Ridge Tube	3138-0010	50	108	8,500	15,900	16 x 100	Closure Adapter	Included	50	PP Sealing
										010-1307	2	18 places/adapter
10.0	–	Vacutainer® Tube ³	–	–	108	–	–	16 x 100	Adapter	010-1085	2	18 places/adapter
3.0	–	Vacutainer Tube ³	–	–	180	–	–	10 x 64	Adapter	010-1131	2	30 places/adapter

³ Performance depends upon tube brand. Contact your sales representative for recommended tube manufacturers and further information.

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Large Capacity Rotors

Thermo Scientific Fiberlite F6-6x1000y Rotor

F6-6x1000y



ROTOR SPECIFICATIONS

Type	Fixed Angle
Material	Carbon Fiber Composite
Capacity	6 x 1000 mL
Maximum Speed	6,000 rpm
Tube Dimensions (mm)	98 x 195
Angle	20°
K Factor	9,060
Net Weight	17.6 kg (38.8 lbs.)
Warranty	15 years

	RCF	RADIUS
Maximum	7,900 xg	196.0 mm
Minimum	2,177 xg	54.0 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC SORVALL RC-3 Series*	BECKMAN® J6 Series
Fiberlite F6-6x1000y	Cat. No.	78560	096-061010
	Max. Speed	6,000 rpm	6,000 rpm
	Max. RCF	7,900 xg	7,900 xg
	Sample Containment ¹	ELC	ELC

Fiberlite F6-6x1000y Rotor Package includes:

	Rotor Lid Assembly	099-061011	099-061010
	O-ring Refresher Kit ²	021-061011	021-061010

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
1000.0	1000.0	Nalgene® PPCO Bottle	3141-1002	2	6	6,000	7,900	98 x 195	Closure	Included	2	PP Sealing
1000.0	1000.0	Nalgene PC Bottle	3140-1002	2	6	6,000	7,900	98 x 195	Closure	Included	2	PP Sealing
500.0	450.0	Nalgene PPCO Bottle	3141-0500	24	6	6,000	7,900	70 x 160	Closure	Included	24	PP Sealing
									Adapter	010-0145	2	1 place/adapter
500.0	450.0	Nalgene PC Bottle	3140-0500	24	6	6,000	7,900	70 x 160	Closure	Included	24	PP Sealing
									Adapter	010-0145	2	1 place/adapter
250.0	—	Corning® Disposable Conical Bottle ³	—	—	6	6,000	—	—	Adapter	010-1196	2	1 place/adapter
250.0	250.0	Nalgene PPCO Bottle	3141-0250	36	6	6,000	7,900	61 x 133	Closure	Included	36	PP Sealing
									Adapter	010-0150	2	1 place/adapter
250.0	250.0	Nalgene PC Bottle	3140-0250	36	6	6,000	7,900	61 x 135	Closure	Included	36	PP Sealing
									Adapter	010-0150	2	1 place/adapter

* Rotor may not be available for all centrifuge models.

¹ Sample containment may vary by rotor. ELC denotes Enhanced Liquid Containment.

² Includes 5 O-rings, 3 O-ring Grease Packets and 4 oz FiberClene Lab Cleaner (017-0024).

³ Performance depends upon tube brand. Contact your sales representative for recommended tube manufacturers and further information.

LABWARE ORDERING INFORMATION CONTINUED

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
175.0	175.0	Nalgene PPCO Conical Wide-Mouth Bottle	3143-0175	36	6	6,000	7,900	61 x 144	Closure Adapter	Included	36	PP Sealing
										010-1132	2	1 place/adapter
175.0	175.0	Nalgene PPCO Conical Wide-Mouth Bottle	3144-0175	36	6	6,000	7,900	61 x 144	Closure Adapter	Included	36	PP Sealing
										010-1132	2	1 place/adapter
80.0	73.0	PC Oak Ridge Tube	010-0515	6	18	6,000	7,900	38 x 109	Closure Adapter	Included	6	PP Sealing
										010-1093	2	3 places/adapter
80.0	76.0	PP Oak Ridge Tube	010-1280	6	18	6,000	7,900	38 x 109	Closure Adapter	Included	6	PP Sealing
										010-1093	2	3 places/adapter
85.0	81.0	PC Oak Ridge Tube	3118-0085	100	18	6,000	7,900	38 x 109	Closure Adapter	Included	100	PP Sealing
										010-1093	2	3 places/adapter
50.0	50.0	Nunc™ Disposable Conical Tube	334959	25	30	6,000	7,900	30 x 115	Closure Adapter	Included	25	PP Sealing
										010-0180	2	5 places/adapter
50.0	–	Corning Disposable Conical Tube ³	–	–	30	–	–	–	Adapter	010-0180	2	5 places/adapter
50.0	–	BD Falcon® Disposable Conical Tube ³	–	–	30	–	–	–	Adapter	010-0180	2	5 places/adapter
50.0	46.0	Nalgene PC Oak Ridge Tube	3138-0050	50	36	6,000	7,900	29 x 115	Closure Adapter	Included	50	PP Sealing
										010-1091	2	6 places/adapter
50.0	46.0	Nalgene PPCO Oak Ridge Tube	3139-0050	50	36	6,000	7,900	29 x 115	Closure Adapter	Included	50	PP Sealing
										010-1091	2	6 places/adapter
50.0	46.0	Nalgene PSF Oak Ridge Tube	3137-0050	50	36	6,000	7,900	29 x 115	Closure Adapter	Included	50	PP Sealing
										010-1091	2	6 places/adapter
50.0	46.0	Nalgene FEP Oak Ridge Tube	3114-0050	10	36	6,000	7,900	29 x 108	Closure Adapter	Included	10	ETFE Screw Cap
										010-1091	2	6 places/adapter
30.0	30.0	Nalgene PC Oak Ridge Tube	3138-0030	50	42	6,000	7,900	26 x 102	Closure Adapter	Included	50	PP Sealing
										010-1095	2	7 places/adapter
30.0	30.0	Nalgene PPCO Oak Ridge Tube	3139-0030	50	42	6,000	7,900	26 x 102	Closure Adapter	Included	50	PP Sealing
										010-1095	2	7 places/adapter
30.0	30.0	Nalgene PSF Oak Ridge Tube	3137-0030	50	42	6,000	7,900	26 x 102	Closure Adapter	Included	50	PP Sealing
										010-1095	2	7 places/adapter
30.0	30.0	Nalgene FEP Oak Ridge Tube	3114-0030	10	42	6,000	7,900	26 x 102	Closure Adapter	Included	10	PP Sealing
										010-1095	2	7 places/adapter
16.0	16.0	Nalgene PC Oak Ridge Tube	3139-0016	50	84	6,000	7,900	18 x 107	Closure Adapter	Included	50	ETFE Screw Cap
										010-1087	2	14 places/adapter
16.0	16.0	Nalgene PPCO Oak Ridge Tube	3138-0016	50	84	6,000	7,900	18 x 107	Closure Adapter	Included	50	PP Sealing
										010-1087	2	14 places/adapter
15.0	–	Corning Disposable Conical Tube ³	–	–	72	–	–	–	Adapter	010-1079	2	12 places/adapter
15.0	–	BD Falcon Disposable Conical Tube ³	–	–	72	–	–	–	Adapter	010-1079	2	12 places/adapter
10.0	8.0	Nalgene PPCO Oak Ridge Tube	3139-0010	50	108	6,000	7,900	16 x 100	Closure Adapter	Included	50	PP Sealing
										010-1307	2	18 places/adapter
10.0	8.0	Nalgene PC Oak Ridge Tube	3138-0010	50	108	6,000	7,900	16 x 100	Closure Adapter	Included	50	PP Sealing
										010-1307	2	18 places/adapter
10.0	–	Vacutainer® Tube ³	–	–	108	–	–	16 x 100	Adapter	010-1085	2	18 places/adapter
3.0	–	Vacutainer Tube ³	–	–	180	–	–	16 x 100	Adapter	010-1131	2	30 places/adapter

³ Performance depends upon tube brand. Contact your sales representative for recommended tube manufacturers and further information.

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Large Capacity Rotors

Thermo Scientific Fiberlite F10-6x250y Rotor

Fiberlite F10-6x250y



ROTOR SPECIFICATIONS

Type	Fixed Angle
Material	Carbon Fiber Composite
Capacity	6 x 250 mL
Maximum Speed	10,000 rpm
Angle	23°
K Factor	926
Warranty	15 years

	RCF	RADIUS
Maximum	15,344 xg	137.0 mm
Minimum	4,144 xg	37.0 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC	
		SORVALL RC-4 Series	Cryofuge 5500i
Fiberlite F10-6x250y	Cat. No.	75006483	75006483
	Max. Speed	10,000 rpm	10,000 rpm
	Max. RCF	15,344 xg	15,344 xg

Fiberlite F10-6x250y Rotor Package includes:

	Rotor Lid Assembly	099-062175	099-062175
	O-ring Refresher Kit	021-062175	021-062175

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
250.0	250.0	Nalgene PPCO Bottle	3141-0250	36	6	10,000	15,320	61 x 133	Closure	Included	36	PP Sealing
250.0	250.0	Nalgene PC Bottle	3140-0250	36	6	10,000	15,320	61 x 133	Closure	Included	36	PP Sealing
175.0-225.0	—	Conical Bottle	—	—	6	—	—	62 x 130	Adapter	03095	1	1 place/adapter
50.0	—	Conical Bottle	—	—	6	—	—	29 x 119	Adapter	03072	1	1 place/adapter
30.0	—	Round Bottom Tube	—	—	18	—	—	24 x 105	Adapter	00449	1	3 places/adapter
15.0	—	Round Bottom Tube	—	—	30	—	—	19 x 119	Adapter	00456	1	5 places/adapter
10.0	—	Round Bottom Tube	—	—	42	—	—	16 x 100	Adapter	00389	1	7 places/adapter
5.0	—	Round Bottom Tube	—	—	72	—	—	12 x 75	Adapter	00388	1	12 places/adapter
3.0	—	Round Bottom Tube	—	—	30	—	—	10 x 75	Adapter	00370	1	1 place/adapter
									Adapter	00456	1	5 places/adapter

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Large Capacity Rotors

Thermo Scientific HIGHConic Rotor

HIGHConic



ROTOR SPECIFICATIONS

Type	Fixed Angle	
Material	Aluminum	
Capacity	6 x 50 mL	
Maximum Speed	8,500 rpm	
Angle	45°	
K Factor	2,545	
Warranty	2 years	
Certifications		
	RCF	RADIUS
Maximum	10,016 xg	124.0 mm
Minimum	4,842 xg	60.0 mm

ROTOR AND ACCESSORIES ORDERING INFORMATION

		THERMO SCIENTIFIC	
		SORVALL RC-4 Series	Cryofuge 5500i/
Highconic	Max. Speed	8,500 rpm	8,500 rpm
	Max. RCF	10,016 xg	10,016 xg

Highconic Rotor Package includes:

Description	Cat. No.
HIGHConic® Rotor	75003057
Rotor Body	70056227
Rotor Lid	70060411
HIGHConic Adapter (qty. 6)	75003103

LABWARE ORDERING INFORMATION

Tube Vol. (mL)	Vol. Fill (mL)	Description	Cat. No.	Qty. /Pkg.	Tubes /Rotor	Max. Speed (rpm)	Max. RCF (xg)	Dims ØxL (mm)	REQUIRED TUBE CLOSURES, ADAPTERS, TOOLS & ACCESSORIES			
									Type	Cat. No.	Qty. /Pkg.	Description
50.0	–	Conical Tube	–	–	6	–	–	29 x 119	Adapter	75003103	1	1 place/adapter
50.0	–	Round Bottom Tube	–	–	6	–	–	29 x 119	Adapter	75003102	1	1 place/adapter
38.0	–	Round Bottom Tube	–	–	6	–	–	25 x 112	Adapter	75003094	1	1 place/adapter
16.0	–	Round Bottom Tube	–	–	6	–	–	18 x 124	Adapter	76002906	1	1 place/adapter
15.0	–	Conical Tube	–	–	6	–	–	19 x 119	Adapter	75003095	1	1 place/adapter
12.0	–	Round Bottom Tube	–	–	12	–	–	16 x 96	Adapter	75003093	1	2 places/adapter
7.0	–	Standard Tube	–	–	12	–	–	13 x 117	Adapter	75003092	1	2 places/adapter
5.0	–	Blood Collection Tube	–	–	12	–	–	16 x 96	Adapter	75003093	1	2 places/adapter
3.5	–	Round Bottom Tube	–	–	24	–	–	11 x 103	Adapter	75003091	1	4 places/adapter

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