




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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