



Centrifuge Selection Chart

Selection by Tube Size, RCF, RPM Requirements.

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End User Requirements						Hardware Configuration					
Tube Capacity (ml)	Tube Diameter (mm)	Tube Length (mm)	No. of Tubes per Bucket / Insert	Max. RCF	Max. RPM	Bucket Insert / Adaptor	Bucket	Rotor	Centrifuge Model		
0.5			48	12000	11000			Fixed Angle Rotor	CEN91800 005	Orbital 260 CEN91800	
1.5	11	41	12	18360	16500			Fixed Angle Rotor	CEN90200 001	Orbital 160 CEN90200	
1.5	11	43	24			Multi-adaptor Insert, 24 x 1.5ml (Set of 4) CEN92300 007	Buckets for Tube Carrier Inserts (Set of 4) CEN92300 005	Swing Rotor (Rotor only)	CEN92300 004	Orbital 460 CEN92300	
1.5 or 2.2			12	18930	16500			Fixed Angle Rotor	CEN91800 001	Orbital 260 CEN91800	
1.5 or 2.2			24	16280	13500			Fixed Angle Rotor	CEN91800 004	Orbital 260 CEN91800	
5	14	100	28	3040	4000	Multi-adaptor Insert, 28 x 5ml (Set of 4) CEN92300 006	Buckets for Tube Carrier Inserts (Set of 4) CEN92300 005	Swing Rotor (Rotor only)	CEN92300 004	Orbital 460 CEN92300	
5	14	100	12	3100	4200		Bucket, 12 x 5ml / 10ml (Set of 4) CEN92300020	Swing Rotor (Rotor only)	CEN92300 013	Orbital 460 CEN92300	
5	15	69	24	4100	5000			Swing Out Rotor	CEN91700 003	Orbital 360 CEN91700	
5	14	53	8	12300	13500			Fixed Angle Rotor	CEN90200 002	Orbital 160 CEN90200	
5			10	12300	13500			Fixed Angle Rotor	CEN91800 002	Orbital 260 CEN91800	
6	13	116	4	2760	4200	Adaptor, 50ml to 6ml Vacuette (Set of 4) CEN91700 035		Swing Out Rotor	CEN91700 004	Orbital 360 CEN91700	
7	13	70	18	3100	4200		Bucket 18 x 7ml (set of 4) CEN92300019	Swing Rotor (Rotor only)	CEN92300 013	Orbital 460 CEN92300	
7	17	115	8	3100	4200		Bucket (8 x 15ml. / 10ml / 7 ml) (Set of 4) (Adaptors included) CEN92300018	Swing Rotor (Rotor only)	CEN92300 013	Orbital 460 CEN92300	

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Tube Capacity (ml)	Tube Diameter (mm)	Tube Length (mm)	No. of Tubes per Bucket / Insert	Max. RCF	Max. RPM	Bucket Insert / Adaptor	Bucket	Rotor	Centrifuge Model		
9	17	116	4	2760	4200	Adaptor, 50ml to 15ml Falcon, 8.5ml Vacutainer (Set of 4) CEN91700 034		Swing Out Rotor	CEN91700 004	Orbital 360	CEN91700
10	16	89	24	2850	4000			Fixed Angle Rotor	CEN91700 001	Orbital 360	CEN91700
10	16	100	20	3040	4000	Multi-adaptor Insert, 20 x 10ml (Set of 4) CEN92300 008	Buckets for Tube Carrier Inserts (Set of 4) CEN92300 005	Swing Rotor (Rotor only)	CEN92300 004	Orbital 460	CEN92300
10	17	115	8	3100	4200		Bucket (8 x 15ml. / 10ml / 7 ml) (Set of 4) (Adaptors included) CEN92300018	Swing Rotor (Rotor only)	CEN92300 013	Orbital 460	CEN92300
10	14	100	12	3100	4200		Bucket, 12 x 5ml / 10ml (Set of 4) CEN92300020	Swing Rotor (Rotor only)	CEN92300 013	Orbital 460	CEN92300
10	16	83	12	5310	5500			Fixed Angled Rotor	CEN92300 001	Orbital 460	CEN92300
10			12	15500	12300			Fixed Angle Rotor	CEN91800 003	Orbital 260	CEN91800
15	18	88	12	4100	5000			Swing Out Rotor	CEN91700 002	Orbital 360	CEN91700
15	17	116	4	2760	4200	Adaptor, 50ml to 15ml Falcon, 8.5ml Vacutainer (Set of 4) CEN91700 034		Swing Out Rotor	CEN91700 004	Orbital 360	CEN91700
15	17	118	10	3040	4000	Multi-adaptor Insert 10 x 15ml (Set of 4) CEN92300 009	Buckets for Tube Carrier Inserts (Set of 4) CEN92300 005	Swing Rotor (Rotor only)	CEN92300 004	Orbital 460	CEN92300
15	17	115	8	3100	4200		Bucket (8 x 15ml. / 10ml / 7 ml) (Set of 4) (Adaptors included) CEN92300018	Swing Rotor (Rotor only)	CEN92300 013	Orbital 460	CEN92300



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Tube Capacity (ml)	Tube Diameter (mm)	Tube Length (mm)	No. of Tubes per Bucket / Insert	Max. RCF	Max. RPM	Bucket Insert / Adaptor	Bucket	Rotor	Centrifuge Model		
50	29	116	4	2760	4200			Swing Out Rotor	CEN91700 004	Orbital 360	CEN91700
50	29	116	4	3040	4000	Multi-adaptor Insert 4 x 50ml, Round Bottom (Set of 4) CEN92300 011	Buckets for Tube Carrier Inserts (Set of 4) CEN92300 005	Swing Rotor (Rotor only)	CEN92300 004	Orbital 460	CEN92300
50	30	116	4	3040	4000	Multi-adaptor Insert 4 x 50ml, Falcon® Style (Set of 4) CEN92300 012	Buckets for Tube Carrier Inserts (Set of 4) CEN92300 005	Swing Rotor (Rotor only)	CEN92300 004	Orbital 460	CEN92300
50	17	121	10	3040	4000	Multi-adaptor Insert 10 x 50ml, Falcon® Style (Set of 4) CEN92300 010	Buckets for Tube Carrier Inserts (Set of 4) CEN92300 005	Swing Rotor (Rotor only)	CEN92300 004	Orbital 460	CEN92300
50	30	116	2	3100	4200		Bucket, 2 x 50ml (Set of 4) CEN92300016	Swing Rotor (Rotor only)	CEN92300 013	Orbital 460	CEN92300
100	38	124	2	3100	4200		Bucket, 2 x 100ml (Set of 4) CEN92300017	Swing Rotor (Rotor only)	CEN92300 013	Orbital 460	CEN92300
250	62	120	1	4000	3040	Multi-adaptor Insert 250ml (Set of 4) CEN92300 003	Buckets for Tube Carrier Inserts (Set of 4) CEN92300 005	Swing Rotor (Rotor only)	CEN92300 004	Orbital 460	CEN92300
0	2	75	12	13000	12000			Microhaematocrit Rotor	CEN90200 003	Orbital 160	CEN90200
0	2	75	24	14800	12000			Microhaematocrit Rotor	CEN91800 009	Orbital 260	CEN91800
0				2260	4000			Microtitre / Microplate Rotor	CEN92399 032	Orbital 460	CEN92300

Orbital 160 - CEN90200





Rotor and Tube Options.

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End User Requirements						Rotor Options		Centrifuge	
Tube Capacity (ml)	Tube Diameter (mm)	Tube Length (mm)	No. of Tubes per Bucket / Insert	Max. RCF	Max. RPM	Description	Catalogue No.		Description
1.5	10.5	41	12	18,360	16,500	Fixed Angle Rotor	CEN90200 001		 Orbital 160 CEN90200
5	13.5	53	8	12,300	13,500	Fixed Angle Rotor	CEN90200 002		
1.75	75	12	13,000	12,000	Microhaematocrit Rotor	CEN90200 003			

Orbital 260 - CEN91800


Rotor, Bucket and Tube Options

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End User Requirements						Rotor Options		Centrifuge	
Tube Capacity (ml)	Tube Diameter (mm)	Tube Length (mm)	No. of Tubes per Bucket / Insert	Max. RCF	Max. RPM	Description	Catalogue No.	Description	Catalogue No.
1.5 or 2.2			12	18,930	16,500	Fixed Angle Rotor	CEN91800 001		Orbital 260 CEN91800
5			10	12,300	13,500	Fixed Angle Rotor	CEN91800 002		
10			12	15,500	12,300	Fixed Angle Rotor	CEN91800 003		
1.5 or 2.2			24	16,280	13,500	Fixed Angle Rotor	CEN91800 004		
0.5			48	12,000	11,000	Fixed Angle Rotor	CEN91800 005		
	1.75	75	24	14,800	12,000	Microhaematocrit Rotor	CEN91800 009		

Orbital 360 - CEN91700

Rotor, Bucket and Tube Options

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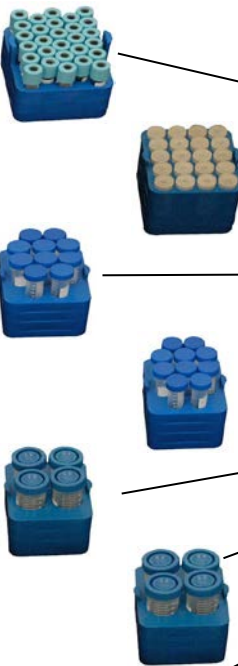



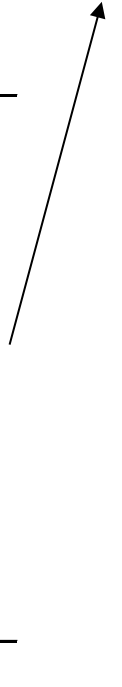




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End User Requirements						Tube Carrier Insert Options		Rotor Options		Centrifuge	
Tube Capacity (ml)	Tube Diameter (mm)	Tube Length (mm excl. cushions)	No. of Tubes per Bucket / Insert	Max. RCF	Max. RPM	Description	Catalogue No.	Name	Catalogue No.	Description	Catalogue No.
10	15.5	89	24	2850	4000			Fixed Angle Rotor	CEN91700 001	Orbital 360	CEN91700
15	17.5	87.5	12	4100	5000			Swing Out Rotor	CEN91700 002		
5	14.5	69	24	4100	5000			Swing Out Rotor	CEN91700 003		
50	29	116	4	2760	4200			Swing Out Rotor	CEN91700 004		
8.5	17	116	4	2760	4200	Adaptor, 50ml to 15ml Falcon, 8.5ml Vacutainer (Set of 4)	CEN91700 034				
6	13	116	4	2760	4200	Adaptor, 50ml to 6ml Vacuette (Set of 4)	CEN91700 035				



End User Requirements						Tube Carrier Insert Options		Tube Carrier Buckets - Options		Rotor Options		Centrifuge			
Tube Capacity (ml)	Tube Diameter (mm)	Tube Length (mm)	No. of Tubes per Bucket / Insert	Max. RCF	Max. RPM	Description	Catalogue No.	Description	Catalogue No.	Description	Catalogue No.	Description	Catalogue No.		
10	16	83	12	5310	5500									Orbital 460	CEN92300
1.5	11	43	24			Multi-adaptor Insert, 24 x 1.5ml (Set of 4)	CEN92300 007	Buckets for Tube Carrier Inserts (Set of 4)	CEN92300 005	Swing Rotor (Rotor only)	CEN92300 004				
5	14	100	28	3040	4000	Multi-adaptor Insert, 28 x 5ml (Set of 4)	CEN92300 006								
10	16	100	20	3040	4000	Multi-adaptor Insert, 20 x 10ml (Set of 4)	CEN92300 008								
15	17	118	10	3040	4000	Multi-adaptor Insert 10 x 15ml (Set of 4)	CEN92300 009								
50	17	121	10	3040	4000	Multi-adaptor Insert 10 x 50ml, Falcon® Style (Set of 4)	CEN92300 010								
50	29	116	4	3040	4000	Multi-adaptor Insert 4 x 50ml, Round Bottom (Set of 4)	CEN92300 011								
50	30	116	4	3040	4000	Multi-adaptor Insert 4 x 50ml, Falcon® Style (Set of 4)	CEN92300 012								
250	62	120	1			Multi-adaptor Insert 250ml (Set of 4)	CEN92300 003								
				3040	4000			Microtitre Buckets (Set of 4)	CEN92300 032						
50	30	116	2	3100	4200			Bucket, 2 x 50ml (Set of 4)	CEN92300016	Swing Rotor (Rotor only)	CEN92300 013				
100	38	124	2	3100	4200		Bucket, 2 x 100ml (Set of 4)	CEN92300017							
	17	115	8	3100	4200		Bucket (8 x 15ml. / 10ml / 7 ml) (Set of 4) (Adaptors included)	CEN92300018							
7	13	70	18	3100	4200			Bucket 18 x 7ml (set of 4)		CEN92300019					
	14	100	12	3100	4200			Bucket, 12 x 5ml / 10ml (Set of 4)		CEN92300020					
				2260	4000							Microtitre / Microplate Rotor	CEN92399 032		