

Small Centrifuges



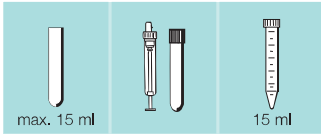
HANDZENTRIFUGE

EBA 200 / EBA 200 S

EBA 270

EBA 280 / EBA 280 S

HANDZENTRIFUGE



The manually operated centrifuge is maintenance-free and independent of an external power supply

This convenient centrifuge can be easily clamped to a bench or table, and operated without electricity. Its self-lubricating gear makes it virtually maintenance-free.

It can be operated with two different rotors.

With rotor No. **1014**, conical 15 ml tubes (Cat. No. 0515, non-graduated or No. 0516, graduated) can be accelerated to 1,298 RCF.

Rotor No. **1025** also accommodates a variety of other commercial tubes (also with round bottom) up to 15 ml. The tubes may have a max. length of 125 mm and a max. diameter of 17 mm.

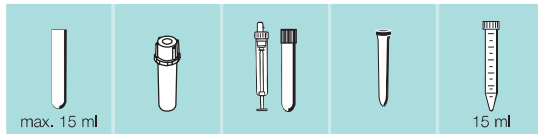
HANDZENTRIFUGE



Rotor, 4-place	Rotor, 4-place
∠ 90°	∠ 50°
max. capacity 4x 15 ml (conical only)	max. capacity 4x 15 ml
max. RPM (speed) 3,000 min ⁻¹	max. RPM (speed) 3,000 min ⁻¹
max. RCF 1,298	max. RCF 1,077
Cat. No. 1014	Cat. No. 1025

HANDZENTRIFUGE	
Manual centrifuge, without rotor	
Dimensions (HxWxD)	285x140x175 mm
Weight	approx. 0.9 kg
Cat. No.	1011

EBA 200 / EBA 200 S



Small and practical centrifuges for small sample volumes

The EBA 200 and EBA 200S are fitted as standard with an angle rotor for 8 tubes up to a volume of 15 ml. The EBA 200 attains a max. RCF of 3,461 and is the ideal choice for a medical practice.

The more powerful EBA 200S generates a max. RCF of 6,153 and is suitable for emergency laboratories where every minute counts. Its higher speeds reduce centrifugation time such that plasma with a low platelet content is available for analysis after just a few minutes.



EBA 200

TECHNOLOGY

EBA 200

EBA 200 S

Small centrifuge, with rotor

Power supply ¹⁾	200–240 V 1 ~	100–127 V 1 ~	200–240 V 1 ~	100–127 V 1 ~
Frequency	50–60 Hz			
Consumption	100 VA	100 VA	160 VA	160 VA
Emission, Immunity	EN/IEC 61326-1, class B	FCC class B	EN/IEC 61326-1, class B	FCC class B

Max. capacity	8 x 15 ml			
Max. RPM	6,000 min ⁻¹		8,000 min ⁻¹	
Max. RCF	3,461		6,153	
Running time	1–99 min, ∞ continuous run, short cycle mode (impulse key)			

Dimensions (HxWxD)	228 x 261 x 353 mm			
Weight	approx. 9 kg		approx. 11 kg	

Cat. No.	1800	1800-01	1802	1802-01
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¹⁾ Other voltages on request.

Angle rotor EBA 200/EBA 200S, 8-place, for commercial tubes up to 15 ml



Angle rotor illustrated with different blood collection tubes

∠ 33°

n = 6,000 min⁻¹ / 8,000 min⁻¹
max. RCF 3,461 / 6,153

EBA 200

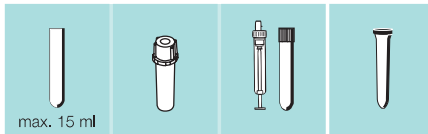
capacity in ml	0,5	4	5	6	15	1,1–1,4	2,6–3,4	2,7–3	4,5–5	4,9	7,5–8,5	9–10
∅ x L in mm	10,7 x 36	10 x 88	12 x 75	12 x 82	17 x 100	8 x 66	13 x 65	11 x 66	11 x 92	13 x 90	15 x 92	16 x 92
Cat. No.	Pediatric	-	0553²⁾	0501²⁾	0518²⁾	blood collection/urine tubes						
rotor incl.												
Cat. No.	1063-8 (8 pcs.)	6305	1054-A	-	-	1054-A				-		
boring ∅ x L in mm	11 x 35	11,5 x 67,5	13,5 x 60	17,7 x 88	-	13,5 x 60				17,7 x 88		
tubes per rotor	8											
max. RCF ²⁾ EBA 200	2,214	2,817	2,697	3,461	-	2,697				3,461		
max. RCF ²⁾ EBA 200S	3,935	5,009	4,794	6,153	-	4,794				6,153		
radius in mm	55	70	67	86	-	67				86		
run-up in sec	17 (EBA 200) / 12 (EBA 200S)											
run-down in sec, braked	37 (EBA 200) / 17 (EBA 200S)											

capacity in ml	10	1,6–5	4–7	8	8,5–10	12	15
∅ x L in mm	15 x 102	13 x 75	13 x 100	16 x 125	16 x 100	17 x 102	17 x 120
Cat. No.	blood collection/urine tubes						0509
rotor incl.							
Cat. No.	-	1054-A	1058	-			-
boring ∅ x L in mm	17,7 x 88	13,5 x 60	13,5 x 79	17,7 x 88			-
tubes per rotor	8		4	8	4		-
max. RCF ²⁾ EBA 200	3,461	2,697	3,461				-
max. RCF ²⁾ EBA 200S	6,153	4,794	6,153				-
radius in mm	86	67	86				-
run-up in sec	17 (EBA 200) / 12 (EBA 200S)						
run-down in sec, braked	37 (EBA 200) / 17 (EBA 200S)						

²⁾ Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max. RCF for glass tubes annotated with footnote ²⁾ is 4,000.

¹⁴⁾ For the EBA 200 only! Model EBA 200 S is supplied as standard with an adapter for these tubes.

EBA 270



Optimal sample preparation starts in the medical practice

The EBA 270 is a small centrifuge with a swing-out rotor especially designed for use in medical practices. It accepts common blood or urine tubes up to a volume of 15 ml and accelerates them to a maximum speed of 4,000 min⁻¹. This corresponds to a RCF of 2,254.

It delivers optimal separation results and a horizontal layer of the separating gel that is identical to that achieved with a large centrifuge. Samples are therefore optimally prepared for analysis.




EBA 270

TECHNOLOGY

EBA 270

Small centrifuge, with rotor

Power supply ¹⁾	200–240 V 1 ~	100–127 V 1 ~
Frequency	50–60 Hz	
Consumption	130 VA	125 VA
Emission, Immunity	EN/IEC 61326-1, class B	FCC class B
 Max. capacity	6 x 15 ml	
Max. RPM (speed)	4,000 min ⁻¹	
Max. RCF	2,254	
Running time	1–99 min, ∞ continuous run, short cycle mode (impulse key)	
Dimensions (H x W x D)	239 x 326 x 389 mm	
Weight	approx. 14 kg	
Cat. No.	2300	2300-01

¹⁾ Other voltages on request.

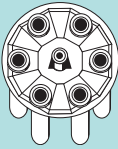










Swing-out rotor, 6-place, with carriers (included)

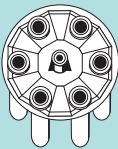












↗ 90°

illustrated with blood collection tubes

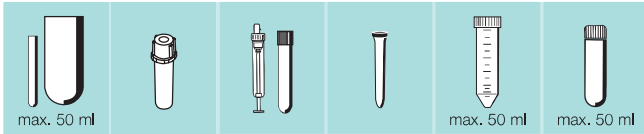
n = 4,000 min⁻¹
max. RCF 2,254

capacity in ml	0.5		4	5	6	15	1.1-1.4	2.6-3.4	2.7-3	4-5.5	4.5-5
Ø x L in mm	10,7x36		10x88	12x75	12x82	17x100	8x66	13x65	11x66	15x75	11x92
Cat. No.	Pediatric		-	0553²⁾	0501²⁾	0518²⁾	blood collection / urine tubes				
 rotor and carriers incl.											
	+1063-6	+1063-6									
Cat. No.	2331	2333	2331	2333	2331	2331	2333		2331		
boring Ø x L in mm	11 x 35		17,5x80	17,5x55		17,5x80	17,5x55		17,5x80		
tubes per rotor	6										
max. RCF ²⁾	1,359		2,254	1,807		2,254	1,807		2,254		
radius in mm	76		126	101		126	101		126		
run-up in sec	10										
run-down in sec, braked	22										

capacity in ml	4,9	7,5-10	10	1,6-7	4-7	8,5-10	12
Ø x L in mm	13x90	15/16x92	15x102	13/16x75	13x100	16x100	17x102
Cat. No.	blood collection / urine tubes						
 rotor and carriers incl.							
							
Cat. No.	2331		2333	2331			
boring Ø x L in mm	17,5x80		17,5x55	17,5x80			
tubes per rotor	6						
max. RCF ²⁾	2,254		1,807	2,254			
radius in mm	126		101	126			
run-up in sec	10						
run-down in sec, braked	22						

²⁾ Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max. RCF for glass tubes annotated with footnote ²⁾ is 4,000.

EBA 280 / EBA 280 S



Versatile small centrifuges which are highly ergonomic for use in medical practices and small laboratories.

The EBA 280 and EBA 280S offer exceptional user comfort for a small centrifuge. The rotors can be quickly and easily changed – without the use of tools and with just one hand thanks to the rapid change system.



EBA 280

TECHNOLOGY

EBA 280

EBA 280 S

TECHNOLOGY		EBA 280		EBA 280 S	
Small centrifuge, without rotor					
Power supply ¹⁾		200–240 V 1 ~	100–127 V 1 ~	200–240 V 1 ~	100–127 V 1 ~
Frequency		50–60 Hz			
Consumption		185 VA	185 VA	330 VA	330 VA
Emission, Immunity		EN/IEC 61326-1, class B	FCC class B	EN/IEC 61326-1, class B	FCC class B
Max. capacity		6x50 ml			
Max. RPM		6,000 min ⁻¹			
Max. RCF		4,146		5,071	
Running time		1–99 min : 59 sec, ∞ continuous run, short cycle mode (impulse key)			
Dimensions (HxWxD)		242x326x400 mm			
Weight		approx. 11 kg		approx. 11 kg	
Cat. No.		1101	1101-01	1102	1102-01

¹⁾ Other voltages on request.

Swing-out rotor, 6-place



± 90°

n = 4,700 min⁻¹ / 6,000 min⁻¹
max. RCF 3,112 / 5,071

Cat. No. (without carriers) **1146**

capacity in ml	0,5	4	5	6	15	1,1–1,4	2,6–3,4	2,7–3
Ø x L in mm	10,7x36	10x88	12x75	12x82	17x100	8x66	13x65	11x66
Cat. No.	Pediatric	-	0553²⁾	0501²⁾	0518²⁾	blood collection / urine tubes		
 carriers Cat. No. 1147-6 (6 pcs.) rotor Cat. No. 1146								
Cat. No.	1063-6 (6 pcs.)	-	1053-6 (6 pcs.)	0767-6 (6 pcs.)	-	1053-6 (6 pcs.)		
boring Ø x L in mm	11x35	17,5x80	13,5x59	17,5x80	17,5x80	13,5x59		
tubes per rotor	6							
max. RCF ²⁾ EBA 280	1,877	3,112	2,618	2,865	3,112	2,618		
max. RCF ²⁾ EBA 280 S	3,059	5,071	4,266	4,669	5,071	4,266		
radius in mm	76	126	106	116	126	106		
run-up in sec	9 (EBA 280) / 11 (EBA 280 S)							
run-down in sec, braked	11 (EBA 280) / 13 (EBA 280 S)							

capacity in ml	4–5,5	4,5–5	4,9	7,5–10	1,6–5	4–7	4–7	8,5–10	12
Ø x L in mm	15x75	11x92	13x90	15/16x92	13x75	16x75	13x100	16x100	17x102
Cat. No.	blood collection / urine tubes								
 carriers Cat. No. 1147-6 (6 pcs.) rotor Cat. No. 1146									
Cat. No.	-				1053-6 (6 pcs.)	0767-6 (6 pcs.)	-		
boring Ø x L in mm	17,5x80				13,5x59	17,5x80	17,5x80		
tubes per rotor	6								
max. RCF ²⁾ EBA 280	3,112				2,618	2,865	3,112		
max. RCF ²⁾ EBA 280 S	5,071				4,266	4,669	5,071		
radius in mm	126				106	116	126		
run-up in sec	9 (EBA 280) / 11 (EBA 280 S)								
run-down in sec, braked	11 (EBA 280) / 13 (EBA 280 S)								

²⁾ Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max. RCF for glass tubes annotated with footnote ²⁾ is 4,000.

Swing-out rotor, 8-place

Swing-out rotor, 12-place



∠ 90°

n = 5,000 min⁻¹
max. RCF 2,991


















Cat. No. (without carriers) **1148**









∠ 60°

n = 5,000 min⁻¹
max. RCF 2,963

Cat. No. (without carriers) **1142**

capacity in ml	5	6	10	2,6–3,4	2,7–3	4–5,5	1,6–5	4–7
∅ x L in mm	12x75	12x82	17x70	13x65	11x66	15x75	13x75	16x75
Cat. No.	0553 ²⁾	0501 ²⁾	2079	blood collection/urine tubes				
 rotor Cat. No. 1148								
								
Cat. No.	1131-A	1132-A		1131-A	1132-A	1131-A	1132-A	1132-A
boring ∅ x L in mm	13x53	17,5x53		13x53	17,5x53	13x53	17,5x53	17,5x53
tubes per rotor	8							
max. RCF ²⁾	2,991							
radius in mm	107							
run-up in sec	8							
run-down in sec, braked	10							

capacity in ml	5	2,6–3,4	2,7–3	1,6–5
∅ x L in mm	12x75	13x65	11x66	13x75
Cat. No.	0553 ²⁾	blood/urine tubes		
 rotor Cat. No. 1142				
				
Cat. No.	1127-A			
boring ∅ x L in mm	13,2x53			
tubes per rotor	12			
max. RCF ²⁾	2,963			
radius in mm	106			
run-up in sec	10			
run-down in sec, braked	12			

²⁾ Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max. RCF for glass tubes annotated with footnote ²⁾ is 4,000.

Angle rotor, 12-place, for decanting

Angle rotor, 6-place



∠ 35°

n = 5,000 min⁻¹
max. RCF 2,879





Cat. No. 1133
















∠ 35°

n = 6,000 min⁻¹
max. RCF 4,025

Cat. No. 1137

capacity in ml	5	6	7
Ø x L in mm	12x75	12x82	12x100
Cat. No.	0553²⁾	0501²⁾	0578²⁾
 rotor Cat. No. 1133			
Cat. No.	-		
boring Ø x L in mm	12.5x66		
tubes per rotor	12		
max. RCF ²⁾	2,879		
radius in mm	103		
run-up in sec	8		
run-down in sec, braked	10		

What makes the 1133 rotor special is its adapters with a decanting aid. The decanting aid firmly holds the tube and keeps it from falling out when the supernatant is decanted. The 1133 rotor is often used in blood group serology.

capacity in ml	7	15	25	50	9-10	10	1,6-5	4-7	15	50	30	50
Ø x L in mm	12x100	17x100	24x100	34x100	16x92	15x102	13x75	13x100	17x120	29x115	26x95	29x107
Cat. No.	0578²⁾	0518²⁾	0519²⁾	0521²⁾	blood collection /urine tubes				0509	0513	0545	0546
 rotor Cat. No. 1137												
Cat. No.	1632	1635	1633	-	1635				1631	1641	1633	1634
boring Ø x L in mm	13x92	17,5x95	26x88	35x96	17,5x95				17x98	30x98	26x88	29x95
tubes per rotor	18	6									3	6
max. RCF ²⁾	3,944	3,783	3,703	4,025	3,783		2,978	3,783	3,824	3,824	3,703	3,904
radius in mm	98	94	92	100	94		74	94	95	95	92	97
run-up in sec	20											
run-down in sec, braked	17											

Angle rotor, 12-place

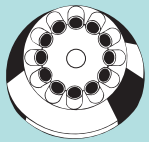















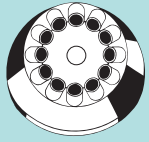








∠ 35°

n = 6,000 min⁻¹
max. RCF 4,146

Cat. No. 1139

EBA 280

capacity in ml	0,5	5	15	1,1–1,4	2,6–3,4	2,7–3	4,5–5	4,9	7,5–10	10
∅ x L in mm	10,7x36	12x75	17x100	8x66	13x65	11x66	11x92	13x90	15/16x92	15x102
Cat. No.	Pediatric	0553²⁾	0518²⁾	blood collection /urine tubes						
 rotor Cat. No. 1139										
										
Cat. No.	1063-6 (6 pcs.)	1054-A	-	1054-A			-			
boring ∅ x L in mm	11x35	13,5x60	17,7x88	13,5x60			17,7x88			
tubes per rotor	12									
max. RCF ²⁾	2,777	3,300	4,146	3,300			4,146			
radius in mm	69	82	103	82			103			
run-up in sec	16									
run-down in sec, braked	16									

capacity in ml	1,6–5	4–7	8	8,5–10	12	15
∅ x L in mm	13x75	13x100	16x125	16x100	17x102	17x120
Cat. No.	blood collection /urine tubes					0509
 rotor Cat. No. 1139						
						
Cat. No.	1054-A	1058	-			
boring ∅ x L in mm	13,5x60	13,5x79	17,7x88			
tubes per rotor	12		6	12	6	
max. RCF ²⁾	3,300	4,146				
radius in mm	82	103				
run-up in sec	16					
run-down in sec, braked	16					

²⁾ Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max. RCF for glass tubes annotated with footnote ²⁾ is 4,000.