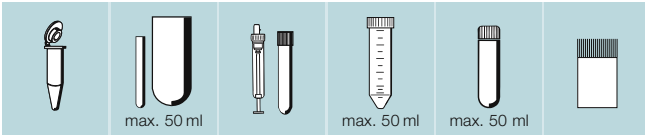


EBA 21



Maximum performance in microlitre centrifugation coupled with reliability for routine laboratory tasks

The EBA 21 is powerful and versatile not only in microlitre centrifugation. Equipped with a variable, maintenance-free frequency drive, this centrifuge generates a max. RCF of 25,718 at a speed of 18,000 min⁻¹.


With its wide range of rotors, the EBA 21 can easily meet all demands placed on a small, high-performance centrifuge.



EBA 21

TECHNOLOGY

EBA 21

Small centrifuge, without rotor			
Power supply*)		220–240 V 1 ~	110–127 V 1 ~
Frequency		50–60 Hz	
Consumption		500 VA	550 VA
Emission, Immunity		EN / IEC 61326-1, class B	FCC class B
 Max. capacity		6x50 ml	
Max. RPM (speed)		18,000 min ⁻¹	
Max. RCF		25,718	
Running time		1 sec – 99 min : 59 sec, ∞ continuous run, short cycle mode (impulse key)	
Dimensions (HxWxD)		247x275x330 mm	
Weight		approx. 11 kg	
Cat. No.		1004	1004-01

*) Other voltages on request.

Angle rotor, 6-place
Angle rotor, 12-place

 $\angle 35^\circ$


 n = 6,000 min⁻¹
 max. RCF 4,025


Cat. No. 1116

 $\angle 35^\circ$

 n = 6,000 min⁻¹
 max. RCF 4,146

Cat. No. 1416

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	13 x 75	13 x 100	17x120	29x115	26x95	29x107
Cat. No.	0578²⁾	0518²⁾	0519²⁾	0521²⁾	blood collection / urine tubes				0509	0513	0545	0546
 rotor Cat. No. 1116												
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			6				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	23											
run-down in sec, braked	27											

capacity in ml	5	15	1.1-1.4	2.6-3.4	2.7-3	4.5-5	4.9	7.5-8.5	9-10	10	1.6-5	4-7	8	8.5-10	15	
Ø x L in mm	12x75	17x100	8x66	13x65	11x66	11x92	13x90	15x92	16x92	15x102	13x75	13x100	16x125	16x100	17x120	
Cat. No.	0553²⁾	0518²⁾	blood collection/urine tubes										0509			
 rotor Cat. No. 1416																
Cat. No.	1054-A	-	1054-A			-						1054-A	1058	-		
boring Ø x L in mm	13.5x60	17.7x88	13.5x60			17.7x88						13.5x60	13.5x79	17.7x88		
tubes per rotor	12	12	12			12						12	12	6	12	6
max. RCF ²⁾	3,300	4,146	3,300			4,146						3,300	4,146			
radius in mm	82	103	82			103						82	103			
run-up in sec	18															
run-down in sec, braked	23															

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

Angle rotor, 24-place

Angle rotor, 30-place



∠ 45°

n = 18,000 min⁻¹
max. RCF 25,718

Cat. No. 1022-A



∠ 40°

n = 15,000 min⁻¹
max. RCF 21,382

Cat. No. 1024-A

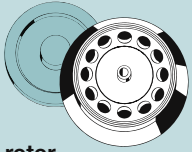










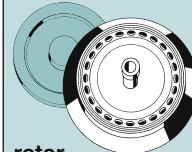








∠ 45°

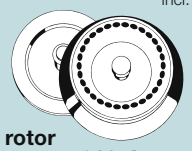








n = 14,000 min⁻¹
max. RCF 21,255

Cat. No. 1089-A

with bio-containment⁵⁾

capacity in ml	0.2	0.4	0.5	0.8	1.5	2.0
∅ x L in mm	6x18	6x45	8x30	8x45	11x38	
Cat. No.	-			2078	0536	
 lid incl. rotor Cat. No. 1022-A						
						
Cat. No.	2024	2023	2031⁷⁾	-		
boring ∅ x L in mm	6x40		8x40		10.2x19	11.2x39.5
tubes per rotor	12					
max. RCF ²⁾	25,718					
radius in mm	71					
run-up in sec	16					
run-down in sec, braked	19					

capacity in ml	0.2	0.4	0.5	0.8	1.5	2.0
∅ x L in mm	6x18	6x45	8x30	8x45	11x38	
Cat. No.	-			2078	0536	
 lid incl. rotor Cat. No. 1024-A						
						
Cat. No.	2024	2023	2031⁷⁾	-		
boring ∅ x L in mm	6x40		8x40		10.2x19	11.2x41.1
tubes per rotor	24					
max. RCF ²⁾	21,382					
radius in mm	85					
run-up in sec	30					
run-down in sec, braked	31					

capacity in ml	0.2	0.4	0.5	0.8	1.5	2.0
∅ x L in mm	6x18	6x45	8x30	8x45	11x38	
Cat. No.	-			2078	0536	
 lid with bio-containment ⁵⁾ incl. rotor Cat. No. 1089-A						
						
Cat. No.	2024	2023	2031⁷⁾	-		
boring ∅ x L in mm	6x40		8x40		10.2x19	11.2x40.9
tubes per rotor	30					
max. RCF ²⁾	21,255					
radius in mm	97					
run-up in sec	40					
run-down in sec, braked	40					

Optional for rotor 1024-A



lid **Cat. No. 2425**
with bio-containment⁵⁾,
autoclavable



lid **Cat. No. 2423**
with bio-containment⁵⁾,
autoclavable,
phenol-resistant

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

 $\angle 35^\circ$

n = 5,000 min⁻¹
max. RCF 2,879

Cat. No. 1118
Swing-out rotor, 8-place

 $\angle 55^\circ$
(with carrier 1127)

 $\angle 60^\circ$
(with carrier 1122)





n = 5,000 min⁻¹
max. RCF 2,991









Cat. No. (without carriers) 1114
Swing-out rotor, 6-place

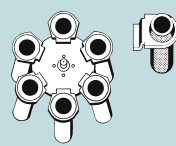














 $\angle 40^\circ$

n = 5,000 min⁻¹
max. RCF 2,711

Cat. No. (without carriers) 1115

capacity in ml	5	6	7
Ø x L in mm	12x75	12 x 82	12x100
Cat. No.	0553²⁾	0501²⁾	0578²⁾
 rotor Cat. No. 1118			
Cat. No.	-		
boring Ø x L in mm	12x66		
tubes per rotor	12		
max. RCF ²⁾	2,879		
radius in mm	103		
run-up in sec	10		
run-down in sec, braked	13		

capacity in ml	5	10	2.6-3.4	2.7-3	4-5.5	1.6-5	4-7
Ø x L in mm	12x75	17x70	13x65	11x66	15x75	13x75	16x75
Cat. No.	0553²⁾	2079	blood collection tubes				
 rotor Cat. No. 1114							
Cat. No.	1127	1122	1127	1122	1127	1122	1122
boring Ø x L in mm	13.2x53	17.5x53	13.2x53		17.5x53		17.5x53
tubes per rotor	8						
max. RCF ²⁾	2,963	2,991	2,963		2,991		2,963
radius in mm	106	107	106		107		106
run-up in sec	9						
run-down in sec, braked	14						

capacity in ml	5	6	10	15	1.1-1.4	2.6-3.4	2.7-3	4-5.5	4.9	7.5-8.5	9-10	1.6-5	4-7	8.5-10
Ø x L in mm	12x75	12 x 82	17x70	17x100	8x66	13x65	11x66	15x75	13x90	15x92	16x92	13x75	16x75	16x100
Cat. No.	0553²⁾	0501²⁾	2079	0518²⁾	blood collection/urine tubes									
 rotor Cat. No. 1115														
Cat. No.	1054-A	2x0716	-	1054-A	-						1054-A	0716	-	
boring Ø x L in mm	13.5x60		17.5x79		13.5x60			17.5x79				13.5x60		17.5x79
tubes per rotor	6													
max. RCF ²⁾	2,068	2,376	2,711	2,068	2,711						2,068	2,543	2,711	
radius in mm	74	85	97	74	97						74	91	97	
run-up in sec	8													
run-down in sec, braked	12													

⁵⁾ Tested by the TÜV in conformity with DIN EN 61010, section 2-020.

⁷⁾ For centrifugation at high speeds, we recommend to use form-fitting, phenol-resistant adapters 2031.

Swing-out rotor, 8-place

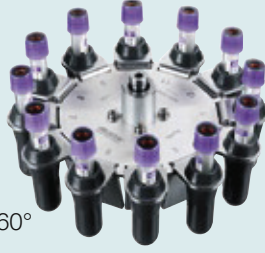


∠90°

n = 5,000 min⁻¹
max. RCF 2,879

Cat. No. (without carriers) **1120**

Swing-out rotor, 12-place



∠60°

n = 5,000 min⁻¹
max. RCF 2,963










Cat. No. (without carriers) **1126**

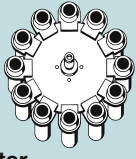




Hematocrit rotor, 24-place

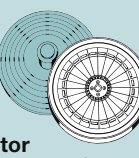



n = 15,000 min⁻¹
max. RCF 21,382

Cat. No. **1450**

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.	0553²⁾	0501²⁾	2079	blood collection tubes				
 rotor Cat. No. 1120								
Cat. No.	1131	1132	1131	1132	1131	1132	1131	1132
boring ∅ x L in mm	13x53	17.5x53	13x53	17.5x53	13x53	17.5x53	13x53	17.5x53
tubes per rotor	8							
max. RCF ²⁾	2,879							
radius in mm	103							
run-up in sec	8							
run-down in sec, braked	12							

capacity in ml	5	2.6–3.4	2.7–3	1.6–5
∅ x L in mm	12x75	13x65	11x66	13x75
Cat. No.	0553²⁾	blood collection tubes		
 rotor Cat. No. 1126				
Cat. No.	1127			
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	15			

standard capillaries, heparinised	basic	mylar-coated	self-sealing and mylar-coated
Cat. No.	2074	1072	1071
lid as evaluation disk incl.  rotor Cat. No. 1450			
Cat. No.	2077		-
boring ∅ x L in mm	-		
capillaries per rotor	24		
max. RCF ²⁾	21,382		
radius in mm	85		
run-up in sec	8		
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.