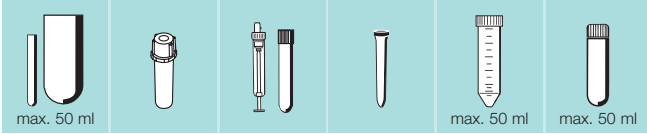


# EBA 280 / EBA 280 S



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

#### Small centrifuge, without rotor

Power supply <sup>1)</sup>	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 <sup>-1</sup>			
 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
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<sup>1)</sup> Other voltages on request.

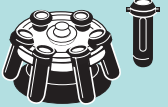












## Swing-out rotor, 6-place

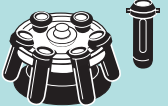













↗ 90°

n = 4,700 min<sup>-1</sup>/6,000 min<sup>-1</sup>  
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.	<b>Pediatric</b>	-	<b>0553<sup>2)</sup></b>	<b>0501<sup>2)</sup></b>	<b>0518<sup>2)</sup></b>	<b>blood collection / urine tubes</b>		
 carriers Cat. No. <b>1147-6</b> (6 pcs.)  <b>rotor</b> Cat. No. <b>1146</b>								
								
Cat. No.	<b>1063-6</b> (6 pcs.)	-	<b>1053-6</b> (6 pcs.)	<b>0767-6</b> (6 pcs.)	-	<b>1053-6</b> (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 <sup>2)</sup> EBA 280	1,877	3,112	2,618	2,865	3,112	2,618		
max. RCF <sup>2)</sup> 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.	<b>blood collection / urine tubes</b>								
 carriers Cat. No. <b>1147-6</b> (6 pcs.)  <b>rotor</b> Cat. No. <b>1146</b>									
									
Cat. No.	-				<b>1053-6</b> (6 pcs.)	<b>0767-6</b> (6 pcs.)	-		
boring Ø x L in mm	17.5x80				13.5x59	17.5x80	17.5x80		
tubes per rotor	6								
max. RCF <sup>2)</sup> EBA 280	3,112				2,618	2,865	3,112		
max. RCF <sup>2)</sup> 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)								

<sup>2)</sup> 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 <sup>2)</sup> is 4,000.

### Swing-out rotor, 8-place

### Swing-out rotor, 12-place



∠ 90°

n = 5,000 min<sup>-1</sup>  
max. RCF 2,991


















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









∠ 60°

n = 5,000 min<sup>-1</sup>  
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
<b>Cat. No.</b>	<b>0553</b> <sup>2)</sup>	<b>0501</b> <sup>2)</sup>	<b>2079</b>	<b>blood collection /urine tubes</b>				
 <b>rotor</b> Cat. No. <b>1148</b>								
								
<b>Cat. No.</b>	<b>1131-A</b>	<b>1132-A</b>	<b>1132-A</b>	<b>1131-A</b>	<b>1132-A</b>	<b>1131-A</b>	<b>1132-A</b>	<b>1132-A</b>
boring ∅ x L in mm	13x53	17.5x53	17.5x53	13x53	17.5x53	13x53	13x53	17.5x53
tubes per rotor	8							
max. RCF <sup>2)</sup>	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
<b>Cat. No.</b>	<b>0553</b> <sup>2)</sup>	<b>blood/urine tubes</b>		
 <b>rotor</b> Cat. No. <b>1142</b>				
				
<b>Cat. No.</b>	<b>1127-A</b>			
boring ∅ x L in mm	13.2x53			
tubes per rotor	12			
max. RCF <sup>2)</sup>	2,963			
radius in mm	106			
run-up in sec	10			
run-down in sec, braked	12			

<sup>2)</sup> 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 <sup>2)</sup> is 4,000.

**Angle rotor, 12-place, for decanting**

**Angle rotor, 6-place**



∠ 35°

n = 5,000 min<sup>-1</sup>  
max. RCF 2,879





**Cat. No. 1133**
















∠ 35°

n = 6,000 min<sup>-1</sup>  
max. RCF 4,025

**Cat. No. 1137**

capacity in ml	5	6	7
∅ x L in mm	12x75	12x82	12x100
<b>Cat. No.</b>	<b>0553<sup>2)</sup></b>	<b>0501<sup>2)</sup></b>	<b>0578<sup>2)</sup></b>
 <b>rotor</b> Cat. No. <b>1133</b>			
<b>Cat. No.</b>	-		
boring ∅ x L in mm	12.5x66		
tubes per rotor	12		
max. RCF <sup>2)</sup>	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		
∅ x L in mm	12x100	17x100	24x100	34x100	16x92	15x102	13x75	13x100	17x120	29x115	26x95	29x107		
<b>Cat. No.</b>	<b>0578<sup>2)</sup></b>	<b>0518<sup>2)</sup></b>	<b>0519<sup>2)</sup></b>	<b>0521<sup>2)</sup></b>	<b>blood collection / urine tubes</b>				<b>0509</b>	<b>0513</b>	<b>0545</b>	<b>0546</b>		
 <b>rotor</b> Cat. No. <b>1137</b>														
<b>Cat. No.</b>	<b>1632</b>	<b>1635</b>	<b>1633</b>	-	<b>1635</b>				<b>1631</b>	<b>1641</b>	<b>1633</b>	<b>1634</b>		
boring ∅ x L in mm	13x92	17.5x95	26x88	35x96	17.5x95				17x98	30x98	26x88	29x95		
tubes per rotor	18					6					3	6		
max. RCF <sup>2)</sup>	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													

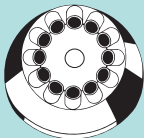













## Angle rotor, 12-place

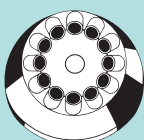










∠ 35°

$n = 6,000 \text{ min}^{-1}$   
max. RCF 4,146

**Cat. No. 1139**

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.	<b>Pediatric</b>	<b>0553<sup>2)</sup></b>	<b>0518<sup>2)</sup></b>	<b>blood collection/urine tubes</b>						
 <b>rotor</b> Cat. No. <b>1139</b>										
										
Cat. No.	<b>1063-6</b> (6 pcs.)	<b>1054-A</b>	-	<b>1054-A</b>			-			
boring ∅ x L in mm	11 x 35	13.5x60	17.7x88	13.5x60			17.7x88			
tubes per rotor	12									
max. RCF <sup>2)</sup>	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.	<b>blood collection/urine tubes</b>					<b>0509</b>
 <b>rotor</b> Cat. No. <b>1139</b>						
						
Cat. No.	<b>1054-A</b>	<b>1058</b>	-			
boring ∅ x L in mm	13.5x60	13.5x79	17.7x88			
tubes per rotor	12		6	12	6	
max. RCF <sup>2)</sup>	3,300	4,146				
radius in mm	82	103				
run-up in sec	16					
run-down in sec, braked	16					

<sup>2)</sup> 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 <sup>2)</sup> is 4,000.



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