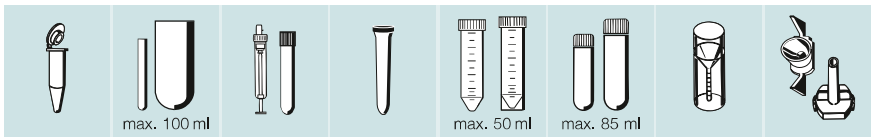


ROTOFIX 32 A



Rugged, versatile and indispensable for routine laboratory tasks in doctors' practices and small hospitals

Not only is the ROTOFIX 32 A ideally equipped for tasks in clinical chemistry, it can also play a vital role in cytology. This versatile centrifuge can handle a lot more than medical applications. With its wide variety of accessories, the ROTOFIX 32 A can be also used for the preparation of samples in industrial and research laboratories. Tubes that are suitable for chrome bath testing are also available.

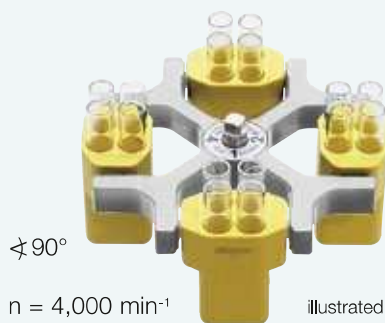


ROTOFIX 32 A

TECHNOLOGY	ROTOFIX 32 A	
Benchtop centrifuge, without rotor		
Power supply ^{*)}	208 – 240 V 1 ~	100 – 127 V 1 ~
Frequency	50 – 60 Hz	
Consumption	300 VA	
Emission, Immunity	EN / IEC 61326-1, class B	FCC class B
 Max. capacity	4 x 100 ml / 32 x 15 ml	
 Max. RPM (speed)	6,000 min ⁻¹	
Max. RCF	4,226	
Running time	1 – 99 min, ∞ continuous run, short cycle mode (impulse key)	
Dimensions (HxWxD)	257 x 366 x 430 mm	
Weight	approx. 23 kg	
Cat. No.	1206	1206-01

^{*)} Other voltages on request.

Swing-out rotor, 4-place

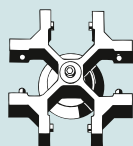


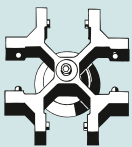
± 90°

$n = 4,000 \text{ min}^{-1}$
max. RCF 2,665

illustrated with carriers 1369

Cat. No. (without carriers) **1624**

capacity in ml	5		6	7	9		15		20	25	45	50	1.1–1.4	2.6–3.4
Ø x L in mm	12 x 75		12 x 82	12 x 100	14 x 100		17 x 100		21 x 100	24 x 100	31 x 100	34 x 100	8 x 66	13 x 65
Cat. No.	0553 ²⁾		0501 ²⁾	0578 ²⁾	0500 ²⁾		0518 ²⁾		-	0519 ²⁾	-	0521 ²⁾	blood/urine tubes	
 rotor Cat. No. 1624														
	 with decanting aid		 with decanting aid			 + 0701							 + 0701	 + 0716
Cat. No.	1369-91	1372	1369-92		1370	1741	1369	1742	1346	1745	1345	1746	1741	1742
boring Ø x L in mm	11.5 x 64.4	13.5 x 65	11.5 x 71.5		14.6 x 74	14.6 x 78	17.6 x 74	17.6 x 78	21.5 x 74	26 x 78	32 x 74	35 x 78	14.6 x 78	17.6 x 78
tubes per rotor	16	68	16		20	40	16	28	8		4		40	28
max. RCF ²⁾	2,057	2,164	2,308			2,415	2,308	2,451	2,361	2,451	2,361	2,451	2,415	2,325
radius in mm	115	121	129			135	129	137	132	137	132	137	135	130
run-up in sec	22													
run-down in sec, braked	25													

capacity in ml	4–5.5	4.9	1.6–5	4–7	8.5–10	30	suspensions for cyto accessories	
Ø x L in mm	15 x 75	13 x 90	13 x 75	16 x 75	16 x 100	26 x 95		
Cat. No.	blood collection/urine tubes					0545	cyto chambers²³⁾	
 rotor Cat. No. 1624								
								
Cat. No.	1742	1741	1742	1369	1745	1660	1680	
boring Ø x L in mm	17.6 x 78	14.6 x 78	17.6 x 78	17.6 x 74	26 x 78	-		
tubes per rotor	28	40	28	16	8	4		
max. RCF ²⁾	2,325	2,451	2,325	2,308	2,451	1,646	1,467	
radius in mm	130	137	130	129	137	92	82	
run-up in sec	22							
run-down in sec, braked	25							

capacity in ml	1.5	2.0	1	3	4
Ø x L in mm	11 x 38	6 x 45	10 x 60	12 x 60	
Cat. No.	2078	0536	Rhesus	-	-
 carrier Cat. No. 1366					
					
Cat. No.	5277	1357	1327	1326	
boring Ø x L in mm	11.5 x 38	6.5 x 23	10.5 x 23	12.5 x 44	
tubes per rotor	36	120	48		
max. RCF ²⁾	1,968	1,950	1,932		
radius in mm	110	109	108		
run-up in sec	22				
run-down in sec, braked	25				

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.

²³⁾ Please ask for our detailed cyto brochure.



illustrated with carriers 1481 and lids 1492
with bio-containment⁵⁾

Swing-out rotor Cat. No. (without carriers) 1624

capacity in ml	1,5	2,0	1	3	5/6/7	9	15	25	50	94	100	1,1–1,4	2,7–5	2,6–4,9	4–8,5
Ø x L in mm	11 x 38	6 x 45	10 x 60	12 x 75/82/100	14 x 100	17 x 100	24 x 100	34 x 100	38 x 102	44 x 100	8 x 66	11 x 66/92	13 x 65/90	15 x 75/92	
Cat. No.	2078	0536	Rhesus	-	0553²⁾/0501²⁾/0578²⁾	0500²⁾	0518²⁾	0519²⁾	0521²⁾	0549	0526²⁾	blood/urine tubes			
lid with bio-containment ⁵⁾ Cat. No. 1492  carrier Cat. No. 1481 															
															
Cat. No.	1351	1339	1343	1383	1329	1330	1331	1396	0761	1457	1383	1459	1383	1459	1459
boring Ø x L in mm	11,2 x 38	6,5 x 34	10,5 x 43	13,4 x 48	17,6 x 91	25,2 x 87	35,2 x 87	38,5 x 92	45,9 x 98	9 x 47	13,4 x 48	15,6 x 47			
tubes per rotor	20	108	36	20	16	4				28	20	16			
max. RCF ²⁾	2,451	2,594	2,630	2,558	2,540	2,433	2,415	2,612	2,558	2,576	2,558	2,576			
radius in mm	137	145	147	143	142	136	135	146	143	144	143	144			
run-up in sec	22														
run-down in sec, braked	25														

capacity in ml	9–10	10	1,6–7	4–10	15	50	12	25	30	50	10	30	50	85	30
Ø x L in mm	16 x 92	15 x 102	13 x 75/100	16 x 75/100	17 x 120	29 x 115	17 x 100	25 x 90	25 x 110	29 x 115	16 x 80	26 x 95	29 x 107	38 x 106	44 x 105
Cat. No.	blood collection/urine tubes				0509	0513	-	-	-	-	-	0545	0546	0547	0534⁶⁾
lid with bio-containment ⁵⁾ Cat. No. 1492  carrier Cat. No. 1481 															
															
Cat. No.	1329	1329⁴⁾	1383	1348	1347	1384	6311	1363	1365	6318	1348	4417	4416	1396	0765
boring Ø x L in mm	17,6 x 91	13,4 x 48	16,5 x 56	17 x 90	30 x 90	17 x 80	26 x 72	26 x 80	29,5 x 80	16,5 x 56	26 x 83	29 x 93	38,5 x 92	45,9 x 98	
tubes per rotor	16	20	16	4				16				4			
max. RCF ²⁾	2,540	2,665	2,558	2,522	2,665	2,343	2,665	2,522	2,451	2,630	2,612	2,540			
radius in mm	142	149	143	141	149	131	149	141	137	147	146	142			
run-up in sec	22														
run-down in sec, braked	25														

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.

⁴⁾ Please remove the inserts.

Swing-out rotor, 4-place



↗ 90°

n = 4,000 min⁻¹
max. RCF 2,630

illustrated with carriers 1490 and lids 1492
with bio-containment⁵⁾

Cat. No. (without carriers) 1324

capacity in ml	1,5	2,0	1	3	4	5	6	7	9	15	25	50	94	100
Ø x L in mm	11 x 38		6 x 45	10 x 60	10 x 88	12 x 75	12 x 82	12 x 100	14 x 100	17 x 100	24 x 100	34 x 100	38 x 102	44 x 100
Cat. No.	2078	0536	Rhesus	-	-	0553²⁾	0501²⁾	0578²⁾	0500²⁾	0518²⁾	0519²⁾	0521²⁾	0549	0526²⁾
lid with bio-containment ⁵⁾ Cat. No. 1492  carrier Cat. No. 1490 														
														
Cat. No.	1351	1339	1343				1383		1329	1330	1331	1396	0761	
boring Ø x L in mm	11.2 x 38	6.5 x 34	10.5 x 43				13.4 x 48		17.6 x 91	25.2 x 87	35.2 x 87	38.5 x 92	45.9 x 100.5	
tubes per rotor	20	108	36				20		16			4		
max. RCF ²⁾	2,415	2,558	2,594				2,522		2,504	2,397	2,379	2,576	2,522	
radius in mm	135	143	145				141		140	134	133	144	141	
run-up in sec	27													
run-down in sec, braked	30													

capacity in ml	1.1–1.4	2.6–3.4	4.9	2.7–3	4.5–5	4–5.5	7.5–8.5	9–10	10	1.6–5	4–7	4–7	8.5–10
Ø x L in mm	8 x 66	13 x 65	13 x 90	11 x 66	11 x 92	15 x 75	15 x 92	16 x 92	15 x 102	13 x 75	13 x 100	16 x 75	16 x 100
Cat. No.	blood collection/urine tubes												
lid with bio-containment ⁵⁾ Cat. No. 1492  carrier Cat. No. 1490 													
													
Cat. No.	1457	1383				1459	1329	1329⁴⁾	1383		1348		
boring Ø x L in mm	9 x 47	13.4 x 48				15.6 x 47	17.6 x 91		13.4 x 48		16.5 x 56		
tubes per rotor	28	20				16			20		16		
max. RCF ²⁾	2,540	2,522				2,540	2,504	2,630	2,522		2,486		
radius in mm	142	141				142	140	147	141		139		
run-up in sec	27												
run-down in sec, braked	30												

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

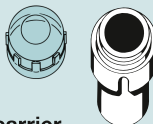
⁶⁾ A rubber stopper for closing the tube is available under Cat. No. 0535.

The tube may not be centrifuged with the stopper. The stopper only serves to close the tube for agitating or mixing.



illustrated with carriers 1398

Swing-out rotor 1324

capacity in ml	15		30	50	12	25	30	50	10	30	50	85	30
Ø x L in mm	17 x 120		25 x 110	29 x 115	17 x 100	25 x 90	25 x 110	29 x 115	16 x 80	26 x 95	29 x 107	38 x 106	44 x 105
Cat. No.	0509		-	0513	-	-	-	-	-	0545	0546	0547	0534 ⁽⁶⁾
lid with bio-containment ⁽⁵⁾ Cat. No. 1492  carrier Cat. No. 1490		 ⁽³⁾											 chrome bath tube
													 rubber insert
Cat. No.	1347	1356	1365	1384	6311	1363	1365	6318	1348	4417	4416	1396	0765
boring Ø x L in mm	17 x 90	17 x 107	26 x 80	30 x 90	17 x 80	26 x 72	26 x 80	29,5 x 80	16,5 x 56	26 x 83	29 x 93	38,5 x 92	45,9 x 100,5
tubes per rotor	4	12	4						16	4			
max. RCF ⁽²⁾	2,630		2,630			2,308	2,630		2,486	2,415	2,594	2,576	2,504
radius in mm	147		147			129	147		139	135	145	144	140
run-up in sec	27												
run-down in sec, braked	30												

capacity in ml	5	6	7	9	15	2.6–3.4	2.7–3	4–5.5	4.5–5	4.9	9–10	10	1.6–5	4–7	4–7	12
Ø x L in mm	12 x 75	12 x 82	12 x 100	14 x 100	17 x 100	13 x 65	11 x 66	15 x 75	11 x 92	13 x 90	16 x 92	15 x 102	13 x 75	13 x 100	16 x 75	17 x 102
Cat. No.	0553 ²⁾	0501 ²⁾	0578 ²⁾	0500 ²⁾	0518 ²⁾	blood collection/urine tubes										
 carrier Cat. No. 1398																
						 + 2 x 0716							 + 0716			
Cat. No.	1486			1482A		1486	1482A	1486	1482A		1486		1486	1482A	1487	
boring Ø x L in mm	13,4 x 57,5			17,5 x 81		13,4 x 57,5		17,5 x 81		13,4 x 57,5		17,5 x 81		13,4 x 57,5		17,5 x 74
tubes per rotor	20			16		20		16		20		16		20		12
max. RCF ²⁾	2,486			2,522		2,486		2,272		2,486		2,522		2,486		2,397
radius in mm	139			141		139		127		139		141		139		137
run-up in sec	27															
run-down in sec, braked	30															

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.

³⁾ When using these tubes, bucket 1490 cannot be closed with lid 1492.

⁴⁾ Please remove the inserts.