

ROTOFIX 32 A

Benchtop centrifuge

Proven in use – the first choice for clinical chemistry and cytology



ROTOFIX 32 A



View into the centrifuging chamber
showing the rotor 1624 with
carriers 1660 for cyto chambers

PROVEN TECHNOLOGY – IDEAL PREPARATION OF SAMPLES FOR CLINICAL AND CYTOLOGICAL DIAGNOSTICS

Its versatility means that the ROTOFIX 32 A has set the standard in daily laboratory routines for many years. It can spin samples up to a volume of 4x94 ml at a maximum RCF of 4,226. Its reliable performance and the comprehensive range of accessories with various swing-out and angle rotors have helped to make this robust and durable benchtop centrifuge an indispensable tool in the lab, with an excellent performance-to-price ratio. The high-quality design and construction of the centrifuge helps to make lab procedures safer and less demanding.

COMPREHENSIVE RANGE OF ACCESSORIES

The ROTOFIX 32 A has a large range of accessories for very different types of tubes and applications. Special vessels may also be centrifuged in addition to the standard ones. For example, the centrifuge can handle tubes used to investigate the condition of chrome baths in electroplating applications.



ROTOFIX 32 A
Benchtop centrifuge

Cat. No. 1206

ROTOFIX 32 A



The ROTOFIX 32A, with its four rotors for cytology and comprehensive range of Hettich accessories, is a highly-advanced tool for this specialist field.

STURDY DESIGN

The housing and the lid are of metal construction and the centrifuging chamber is of non-rusting stainless steel. The robust ROTOFIX 32A is therefore perfect for use in very different environments, including mobile laboratories.

MAXIMUM SAFETY

The ROTOFIX 32A makes a major contribution to safety in the workplace. Its robust design and solid metal construction ensure mechanical safety. The stainless steel interior is easy to clean, thus enabling a high standard of hygiene. Accessories with bioseals prevent the development of toxic or infectious aerosols.

HIGH CAPACITY

The ROTOFIX 32A has a capacity of up to 4 x 100 ml and a maximum RCF of 4,226.



AT A GLANCE



FIELDS OF APPLICATION

Medical diagnostics

- Centrifugation of blood and urine samples
- Cytology

Research

- Sedimentation of cells, yeast cells, bacteria, etc.

Industry

- Determination of the sulphate content of chrome baths

EASE OF OPERATION

- Ergonomic operating and information panel
- Foil keypad for the rapid and precise entry of parameters
- Continuous operation can be set
- Display switchable from RCF to RPM

SAFETY

- Lid locking and holding
- Lid dropping protection
- Automatic rotor recognition
- Imbalance switch-off
- Emergency lid lock release

DESIGN

- Housing and lid of metal
- Centrifuging chamber of stainless steel
- One-hand lid lock

MAX. RCF

- 4,226

MAX. CAPACITY

- 4 x 100 ml / 32 x 15 ml
- 12 cytological preparations

OUR SERVICE

You will find information on Hettich partners in your country at www.hettichlab.com

OVERVIEW OF CONTROL SYSTEM AND ROTORS



Control panel

The ROTOFIX 32A is fitted with the E(economy) control panel. The required centrifugation parameters can be entered quickly and easily on the user-friendly keypad. During centrifugation the ACTUAL values are indicated on the display.

SIMPLE OPERATION WITH THE E CONTROL PANEL

KEYPAD













- ▲ Increases the relevant value.
- ▼ Decreases the relevant value.
- IMPULS For short centrifugation steps.
- RCF Switches from RPM to RCF display.
- START Starts centrifugation.
- STOP Stops centrifugation manually.

DISPLAY

- RPM/RCF Speed or RCF indication.
Entry of RPM in increments of 100.
- t Time indication.
Entry in minutes, max. 99 min.




































Rotors

Quick overview of rotors and suitable accessories. The figures highlighted under the arrows refer to the pages where technical and ordering details are listed.

 <p>Swing-out rotor, 4-place $\sphericalangle 90^\circ$ $n = 4,000 \text{ min}^{-1}$ max. RCF 2,665 Cat. No. 1624</p>														→ Page 6-8
 <p>Swing-out rotor, 4-place $\sphericalangle 90^\circ$ $n = 4,000 \text{ min}^{-1}$ max. RCF 2,630 Cat. No. 1324</p>														→ Page 9-11
 <p>Swing-out rotor, 6-place $\sphericalangle 90^\circ$ $n = 4,000 \text{ min}^{-1}$ max. RCF 2,701 Cat. No. 1619</p>														→ Page 11
 <p>Swing-out rotor, 8-place $\sphericalangle 90^\circ$ $n = 4,000 \text{ min}^{-1}$ max. RCF 2,415 Cat. No. 1611</p>														→ Page 12

ROTORS



 <p>Swing-out rotor, 8-place \sphericalangle 45° n = 4,000 min⁻¹ max. RCF 2,469 Cat. No. 1617</p>							 15 / 50 ml					→ Page 12
 <p>Swing-out rotor, 12-place \sphericalangle 55°–80° n = 4,000 min⁻¹ max. RCF 2,683 Cat. No. 1628</p>	 5–15 ml		 1.6–10 ml	 2.6–8.5 ml								→ Page 13
 <p>Angle rotor, 8-place \sphericalangle 45° n = 4,000 min⁻¹ max. RCF 2,612 Cat. No. 1418</p>	 5–15 ml		 1.6–10 ml	 1.1–10 ml	 12 ml	 15 / 50 ml	 12 / 50 ml	 50 ml				→ Page 13
 <p>Angle rotor, 6-place \sphericalangle 35° n = 6,000 min⁻¹ max. RCF 4,226 Cat. No. 1620A</p>	 max. 5 ml	 3–94 ml	 0.5 ml	 8.5–10 ml	 7.5–10 ml	 15 / 50 ml		 10–85 ml				→ Page 14
 <p>Angle rotor, 12-place \sphericalangle 35° n = 6,000 min⁻¹ max. RCF 4,146 Cat. No. 1613</p>	 5 ml	 4–15 ml	 0.5 ml	 1.6–10 ml	 1.1–10 ml	 15 ml						→ Page 15
 <p>Cyto rotor, 6-place n = 4,000 min⁻¹ max. RCF 2,039 Cat. No. 1626</p>	Detailed information on our comprehensive range of cyto accessories is provided in a separate brochure. We will be pleased to send one to you on request.										 Cyto	
 <p>Cyto rotor, 12-place n = 2,000 min⁻¹ max. RCF 438 Cat. No. 1515</p>											 Cyto	
 <p>Disk rotor, 12-place n = 2,000 min⁻¹ max. RCF 438 Cat. No. 1520</p>											 Cyto	

**Additional tubes e.g. stool tubes or spin columns on request.
 The capacity of the vessels is given as the nominal volume according to the manufacturer. The filling volume can be different.**

ACCESSORIES



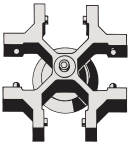






















Swing-out rotor, 4-place

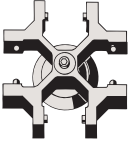




























illustrated with carriers 1369

∠ 90°
n = 4,000 min⁻¹
max. RCF 2,665

Cat. No. (without carriers) 1624

capacity in ml	5	6	7	9	15	20	25	45	50		
∅ x L in mm	12x75	12x82	12x100	14x100	17x100	21x100	24x100	31x100	34x100		
Cat. No.	0553²⁾	0501²⁾	0578²⁾	0500²⁾	0518²⁾	-	0519²⁾	-	0521²⁾		
 rotor Cat. No. 1624											
	 with decanting aid		 with decanting aid		 + 0701						
Cat. No.	1369-91	1372	1369-92	1370	1741	1369	1742	1346	1745	1345	1746
boring ∅ x L in mm	12.5 x 64.4	13.5 x 65	12.5 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
tubes per rotor	16	68	16	20	40	16	28	8		4	
max. RCF ²⁾	2,057	2,164	2,308		2,415	2,308	2,451	2,361	2,451	2,361	2,451
radius in mm	115	121	129		135	129	137	132	137	132	137
run-up in sec	22										
run-down in sec, braked	25										

capacity in ml	1.1–1.4	2.6–3.4	4–5.5	4.9	1.6–5	4–7	1.6–5	4–7	4–7	8.5–10	30	suspension for cyto accessories		
∅ x L in mm	8x66	13x65	15x75	13x90	13x75	16x75	13x75	16x75	13x100	16x100	26x95			
Cat. No.	blood collection / urine tubes										0545	cyto chambers³⁾		
 rotor Cat. No. 1624														
	 + 0701	 + 0716		 4 x 0768 ⁶⁾		 + 0716	 + 1058							
Cat. No.	1741	1742	1741	1741	1369⁵⁾	1742	1369⁵⁾	1370⁵⁾	1739	1369⁵⁾	1745	1660		
boring ∅ x L in mm	14.6x78	17.6x78	14.6x78	14.6x78	17.6x74	17.6x78	17.6x74	14.6x74	13.5x78	17.6x74	26x78	-		
tubes per rotor	40	28	40	40	16	28	16	20	28	16	8	4		
max. RCF ²⁾	2,415	2,325	2,451	2,129	2,361	2,325	2,361		2,451			1,646		
radius in mm	135	130	137	119	132	130	132		137			92		
run-up in sec	22													
run-down in sec, braked	25													

¹⁾ Tested by the TÜV in conformity with DIN EN 61010, section 2 - 020.

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 ³⁾ is 4,000.

³⁾ Please ask for our detailed cyto brochure.











⁴⁾ This combination permits no Vacutainers made of glass.

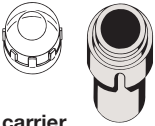



















ACCESSORIES



illustrated with carriers 1481
and lids 1492 with bio-containment¹⁾

Swing-out rotor 1624

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				

capacity in ml	0.5	1.5	2.0	1	3	5/6/7	9	15	25	50	94	
Ø x L in mm	10.7 x 36		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
Cat. No.	Pediatric	2078	0536	Rhesus	-	0553²⁾/0501²⁾/0578²⁾	0500²⁾	0518²⁾	0519²⁾	0521²⁾	0549	
lid with bio-containment¹⁾ Cat. No. 1492 												
												
Cat. No.	1351			1339	1343	1383		1329		1330	1331	1396
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	
tubes per rotor	20			108	36	20	16	4				
max. RCF ²⁾	2,379	2,451		2,594	2,630	2,558	2,540	2,433	2,415	2,612		
radius in mm	133	137		145	147	143	142	136	135	146		
run-up in sec	22											
run-down in sec, braked	25											

¹⁾ Please remove the inserts.

²⁾ Packed in units of 10 pieces.

ACCESSORIES



illustrated with carriers 1481
and lids 1492 with bio-containment¹⁾

Swing-out rotor 1624

capacity in ml	100	1.1–1.4	2.7–5	2.6–4.9	4–8.5	9–10	10	1.6–7	4–10	5	15
Ø x L in mm	44 x 100	8 x 66	11 x 66/92	13 x 65/90	15 x 75/92	16 x 92	15 x 102	13 x 75/100	16 x 75/100	17 x 59	17 x 120
Cat. No.	0526²⁾	blood collection/urine tubes								-	0509
lid with bio-containment¹⁾ Cat. No. 1492											
carrier Cat. No. 1481	 rubber insert										
Cat. No.	0761	1457	1383	1459	1329	1329⁵⁾	1383	1348	6341	1347	
boring Ø x L in mm	45.9 x 98	9 x 47	13.4 x 48	15.6 x 47	17.6 x 91		13.4 x 48	16.5 x 56	17 x 45	17 x 90	
tubes per rotor	4	28	20	16	16		20	16	12	4	
max. RCF ²⁾	2,558	2,576	2,558	2,576	2,540	2,665	2,558	2,522	2,665		
radius in mm	143	144	143	144	142	149	143	141	149		
run-up in sec	22										
run-down in sec, braked	25										

capacity in ml	50	12	25	30	50	10	30	50	85	30	
Ø x L in mm	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.	0513	-	-	-	-	-	0545	0546	0547	0534⁷⁾	
lid with bio-containment¹⁾ Cat. No. 1492										 chrome bath tube	
carrier Cat. No. 1481										 rubber insert	
Cat. No.	1384	6311	1363	1365	6318	1348	4417	4416	1396	0765	
boring Ø x L in mm	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	4					16	4				
max. RCF ²⁾	2,665		2,343	2,665	2,522	2,451	2,630	2,612	2,540		
radius in mm	149		131	149	141	137	147	146	142		
run-up in sec	22										
run-down in sec, braked	25										

¹⁾ Tested by the TÜV in conformity with DIN EN 61010, section 2 - 020.

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 ³⁾ is 4,000.

⁵⁾ Please remove the inserts.

⁷⁾ 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.

ACCESSORIES



Swing-out rotor, 4-place



illustrated with carriers 1490
and lids 1492 with bio-containment¹⁾

∠ 90°
n = 4,000 min⁻¹
max. RCF 2,630

Cat. No. (without carriers) 1324

capacity in ml	0.5	1.5	2.0	1	3	4	5	6	7	9	15	25
∅ x L in mm	10.7 x 36	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
Cat. No.	Pediatric	2078	0536	Rhesus	-	-	0553²⁾	0501²⁾	0578²⁾	0500²⁾	0518²⁾	0519²⁾
lid with bio-containment¹⁾ Cat. No. 1492												
carrier Cat. No. 1490												
Cat. No.	1351			1339	1343	1383			1329		1330	
boring ∅ 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	
tubes per rotor	20			108	36	20			16		4	
max. RCF ²⁾	2,343	2,415		2,558	2,594	2,522			2,504		2,397	
radius in mm	131	135		143	145	141			140		134	
run-up in sec	27											
run-down in sec, braked	30											

capacity in ml	50	94	100	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
∅ x L in mm	34 x 100	38 x 102	44 x 100	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
Cat. No.	0521²⁾	0549	0526²⁾	blood collection / urine tubes								
lid with bio-containment¹⁾ Cat. No. 1492												
carrier Cat. No. 1490												
Cat. No.	1331	1396	0761	1457	1383			1459		1329		1329³⁾
boring ∅ x L in mm	35.2 x 87	38.5 x 92	45.9 x 100.5	9 x 47	13.4 x 48			15.6 x 47		17.6 x 91		
tubes per rotor	4			28	20			16				
max. RCF ²⁾	2,379	2,576	2,522	2,540	2,522			2,540		2,504	2,630	
radius in mm	133	144	141	142	141			142		140	147	
run-up in sec	27											
run-down in sec, braked	30											

ACCESSORIES



Swing-out rotor 1324

capacity in ml	1.6–5	4–7	4–7	8.5–10	5	15	30	50	12	25	30	
Ø x L in mm	13x75	13x100	16x75	16x100	17x59	17x120	25x110	29x115	17x100	25x90	25x110	
Cat. No.	blood/urine tubes				-	0509	-	0513	-	-	-	
lid with bio-containment¹⁾ Cat. No. 1492												
carrier Cat. No. 1490												
Cat. No.	1383	1348	1348	1348	6341	1347	1356	1365	1384	6311	1363	1365
boring Ø x L in mm	13.4x48	16.5x56	16.5x56	16.5x56	17x45	17x90	17x107	26x80	30x90	17x80	26x72	26x80
tubes per rotor	20	16	16	16	12	4	12	4	4	4	4	4
max. RCF ²⁾	2,522	2,486	2,486	2,486	2,630	2,630	2,630	2,630	2,630	2,630	2,308	2,630
radius in mm	141	139	139	139	147	147	147	147	147	147	129	147
run-up in sec	27	27	27	27	27	27	27	27	27	27	27	27
run-down in sec, braked	30	30	30	30	30	30	30	30	30	30	30	30

capacity in ml	50	10	30	50	85	30
Ø x L in mm	29x115	16x80	26x95	29x107	38x106	44x105
Cat. No.	-	-	0545	0546	0547	0534³⁾
lid with bio-containment¹⁾ Cat. No. 1492						 chrome bath tube
carrier Cat. No. 1490						 rubber insert
Cat. No.	6318	1348	4417	4416	1396	0765
boring Ø x L in mm	29.5x80	16.5x56	26x83	29x93	38.5x92	45.9x100.5
tubes per rotor	4	16	4	4	4	4
max. RCF ²⁾	2,630	2,486	2,415	2,594	2,576	2,504
radius in mm	147	139	135	145	144	140
run-up in sec	27	27	27	27	27	27
run-down in sec, braked	30	30	30	30	30	30

¹⁾ Tested by the TÜV in conformity with DIN EN 61010, section 2 - 020.

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 ³⁾ is 4,000.

³⁾ Please remove the inserts.

ACCESSORIES



illustrated with carriers 1398






















Swing-out rotor, 6-place






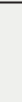
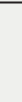
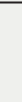












∠ 90°
n = 4,000 min⁻¹
max. RCF 2,701

Swing-out rotor 1324

Cat. No. (with carriers) 1619

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	
∅ x L in mm	12x75	12x82	12x100	14x100	17x100	13x65	11x66	15x75	11x92	13x90	16x92	15x102	13x75	13x100	
Cat. No.	0553 ²⁾	0501 ²⁾	0578 ²⁾	0500 ²⁾	0518 ²⁾	blood collection / urine tubes									
															
carrier Cat. No. 1398								+ 2x0716 							
Cat. No.	1486			1482A		1486		1482A		1486		1482A		1486	
boring ∅ x L in mm	13.4x57.5			17.5x81		13.4x57.5		17.5x81		13.4x57.5		17.5x81		13.4x57.5	
tubes per rotor	20			16		20		16		20		16		20	
max. RCF ²⁾	2,486			2,522		2,486		2,272		2,486		2,522		2,486	
radius in mm	139			141		139		127		139		141		139	
run-up in sec	27														
run-down in sec, braked	30														

capacity in ml	4–7	8.5–10	12	15	50	12	50
∅ x L in mm	16x75	16x100	17x102	17x120	29x115	17x100	29x115
Cat. No.	blood / urine tubes			0509	0513	-	-
							
carrier Cat. No. 1398	+ 0716 						
Cat. No.	1482A		1487	1483A	1484	1482A	1484 ⁵⁾
boring ∅ x L in mm	17.5x81		17.5x74	17x100	30x98	17.5x81	30x98
tubes per rotor	16		12	16	4	16	4
max. RCF ²⁾	2,397		2,451	2,612	2,576	2,522	2,576
radius in mm	134		137	146	144	141	144
run-up in sec	27						
run-down in sec, braked	30						

capacity in ml	15	50
∅ x L in mm	17x120	29x115
Cat. No.	0509	0513
		
rotor Cat. No. 1619		
Cat. No.	1462-A	-
boring ∅ x L in mm	17x84	30x87.5
tubes per rotor	6	
max. RCF ²⁾	2,701	
radius in mm	151	
run-up in sec	22	
run-down in sec, braked	25	

⁷⁾ 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.

⁸⁾ When using these tubes, carrier 1490 cannot be closed with lid 1492.

ACCESSORIES



Swing-out rotor, 8-place



∠ 90°
n = 4,000 min⁻¹
max. RCF 2,415

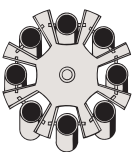







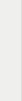
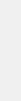
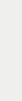
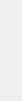
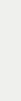
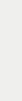
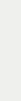














Cat. No. (without carriers) 1611

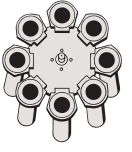



Swing-out rotor, 8-place



∠ 45°
n = 4,000 min⁻¹
max. RCF 2,469

Cat. No. (with carriers) 1617

capacity in ml	5	6	7	10	15	2.6–3.4	2.7–3	4–5.5	4.5–5	7.5–8.5	1.6–5	4–7	4–7	8.5–10
∅ x L in mm	12x75	12x82	12x100	13x100	17x100	13x65	11x66	15x75	11x92	15x92	13x75	13x100	16x75	16x100
Cat. No.	0553²⁾	0501²⁾	0578²⁾	-	0518²⁾	blood collection/urine tubes								
														
rotor Cat. No. 1611														
Cat. No.	1131-A	1643	1643	1644	1131-A	1132-A	1643	1644	1644	1131-A	1643	1132-A	1644	1644
boring ∅ x L in mm	13x53	13.2x81		17.5x81	13x53	17.5x53	13.2x81	17.5x81	13x53	13.2x81	17.5x81	13x53	13.2x81	17.5x81
tubes per rotor	8													
max. RCF ²⁾	1,914		2,415		1,914		2,415		1,914		2,415		1,914	
radius in mm	107		135		107		135		107		135		107	
run-up in sec	22													
run-down in sec, braked	25													

capacity in ml	15	50
∅ x L in mm	17x120	29x115
Cat. No.	0509	0513
		
rotor Cat. No. 1617		
Cat. No.	1462-A	-
boring ∅ x L in mm	17x84	30x94.5
tubes per rotor	8	
max. RCF ²⁾	2,469	
radius in mm	138	
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.

ACCESSORIES



Swing-out rotor, 12-place



- ✂ 55° (with carriers 1127)
- ✂ 60° (with carriers 1122)
- ✂ 80° (with carriers 1621)

n = 4,000 min⁻¹
max. RCF 2,683

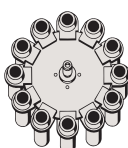


















Cat. No. (without carriers) 1628




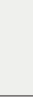



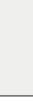
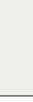



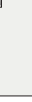
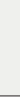














Angle rotor, 8-place



✂ 45°
n = 4,000 min⁻¹
max. RCF 2,612

Cat. No. (without adapters) 1418

capacity in ml	5	15	2.6–3.4	2.7–3	4–5.5	7.5–8.5	1.6–5	4–7	8.5–10
∅ x L in mm	12x75	17x100	13x65	11x66	15x75	15x92	13x75	16x75	16x100
Cat. No.	0553²⁾	0518²⁾	blood collection / urine tubes						
 rotor Cat. No. 1628									
									
Cat. No.	1127-A	1621	1127-A	1122	1621	1127-A	1122	1621	1621
boring ∅ x L in mm	13.2x53	17.5x79	13.2x53	17.5x53		17.5x79	13.2x53	17.5x53	17.5x79
tubes per rotor	12								
max. RCF ²⁾	2,236	2,683	2,236	2,254	2,683	2,236	2,254	2,683	
radius in mm	125	150	125	126	150	125	126	150	
run-up in sec	22								
run-down in sec, braked	25								

capacity in ml	5	15	1.1–1.4	2.6–3.4	2.7–3	9–10	1.6–5	4–7	8.5–10	12	15	50	12	50	50	
∅ x L in mm	12x75	17x100	8x66	13x65	11x66	16x92	13x75	13x100	16x100	17x102	17x120	29x115	17x100	29x115	29x107	
Cat. No.	0553²⁾	0518²⁾	blood collection / urine tubes								0509	0513	-	-	0546	
 rotor Cat. No. 1418																
																
Cat. No.	1467	1467	1467	1467								1468	1467	1468	1468	1468
boring ∅ x L in mm	17.4x91										30.2x92		17.4x91	30.2x92		
tubes per rotor	32										8	32	8			
max. RCF ²⁾	2,182	2,540	2,182	2,540		2,182	2,612	2,540	2,594		2,486	2,540	2,486			
radius in mm	122	142	122	142		122	146	142	145		139	142	139			
run-up in sec	36															
run-down in sec, braked	43															

ACCESSORIES



















Angle rotor, 6-place


















illustrated with 6-place adapter set 1646

∠ 35°
n = 6,000 min⁻¹
max. RCF 4,226

Cat. No. 1620A

capacity in ml	0.5	1.5	2.0	3	15	50	94	7.5–8.5	9–10	10	8.5–10
∅ x L in mm	10.7 x 36	11 x 38		10 x 60	17 x 100	34 x 100	38 x 102	15 x 92	16 x 92	15 x 102	16 x 100
Cat. No.	Pediatric	2078	0536	-	0518²⁾	0521²⁾	0549	blood / urine tubes			
											
rotor Cat. No. 1620A							-				
Cat. No.	1449				1451	1463	-	1451			
boring ∅ x L in mm	11.4 x 39				17.5 x 92	35 x 89	38.6 x 90.2	17.5 x 92			
tubes per rotor	24				6						
max. RCF ²⁾	4,105				3,904	4,146	4,226	3,904			
radius in mm	102				97	103	105	97			
run-up in sec	19										
run-down in sec, braked	22										

capacity in ml	5	15	50	10	30	50	85
∅ x L in mm	17 x 59	17 x 120	29 x 115	16 x 80	26 x 95	29 x 107	38 x 106
Cat. No.	-	0509	0513	-	0545	0546	0547
							
rotor Cat. No. 1620A							
Cat. No.	1476	1466	1454	1646³⁾	1448	1447	1446
boring ∅ x L in mm	17 x 51	17 x 106	29.8 x 97	-	16.5 x 74	26 x 85	29 x 92
tubes per rotor	6		3	6	12	6	
max. RCF ²⁾	3,824	3,985		3,904	3,824	4,025	4,226
radius in mm	95	99		97	95	100	105
run-up in sec	19						
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.

³⁾ 6-place adapter set for conical 50 ml tubes with screw cap.

ACCESSORIES
























Angle rotor, 12-place





\sphericalangle 35°
 $n = 6,000 \text{ min}^{-1}$
 max. RCF 4,146

Cat. No. 1613

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
Ø 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 Cat. No. 1613												
Cat. No.	1063	6305	1054-A	-	1054-A	-						
boring Ø 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	12	12										
max. RCF ²⁾	2,777	3,502	3,300	4,146	3,300	4,146						
radius in mm	69	87	82	103	82	103						
run-up in sec	13											
run-down in sec, braked	15											

capacity in ml	10	1.6–5	4–7	8	8.5–10	5	15	
Ø x L in mm	15 x 102	13 x 75	13 x 100	16 x 125	16 x 100	17 x 59	17 x 120	
Cat. No.	blood collection/urine tubes					-	0509	
 rotor Cat. No. 1613								
Cat. No.	-	1054-A	1058	-	1064	-		
boring Ø x L in mm	17.7 x 88	13.5 x 60	13.5 x 79	17.7 x 88	17 x 25	17.7 x 88		
tubes per rotor	12			6	12	6		
max. RCF ²⁾	4,146	3,300	4,146			3,180	4,146	
radius in mm	103	82	103			79	103	
run-up in sec	13							
run-down in sec, braked	15							

TECHNICAL DATA

TECHNOLOGY	ROTOFIX 32A	
Benchtop centrifuge, without rotor		
Power supply ¹⁾	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 (H x W x D)	257 x 366 x 430 mm	
Weight	approx. 23 kg	
Cat. No.	1206	1206-01

¹⁾ Other voltages on request.



Hettich centrifuges comply with all relevant EU standards in effect and conform to the European level of quality and safety for medical devices. Evidence is provided by national and international test marks such as IEC 61010 or the CE conformity. The ISO 9001, ISO 13485 and ISO 14001 certificates accredited to the company bear witness to the extreme care and responsibility Hettich puts into the manufacturing of centrifuges and their accessories.



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