BENCHTOP CENTRIFUGE

ROTOFIX 32 A

RUGGED AND INDISPENSABLE

For decades, the ROTOFIX 32 A has set the standard in daily lab routine thanks to its versatility and solid construction. The benchtop centrifuge spins sample volumes up to 6 x 94 ml, 40 blood collection tubes or 8 x 50 ml conical tubes with a simple user interface. Hettich's cytology rotors are compatible with most existing funnel/slide systems and have bio-containment lids.

HIGHLIGHTS

- RPM: 500 - 6,000 min^{-1}
  Adjustable in steps of 100
- max. RCF: 4,226
- max. capacity: 4 x 100 ml / 6 x 94 ml
- choice of 10 rotors
- easy operation with keypad
- 2 individual deceleration stages

FEATURES

- metal housing and lid
- viewing port in the lid
- one-hand lid lock
- lid dropping protection
- emergency lid lock release
- stainless steel chamber
- automatic rotor recognition
- brushless drive
- error display
- imbalance monitoring and switch-off
- control panel with actual values of all parameters
- auditory message after completion of the centrifugation run

TECHNICAL DATA

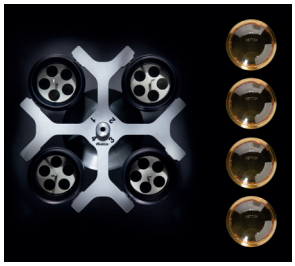
	ROTOFIX 32 A classic
voltage *)	208 – 240 V 1 ~
frequency	50 – 60 Hz
consumption	300 VA
emission, immunity	EN/IEC 61326-1, class B
max. capacity	4 x 100 ml / 6 x 94 ml
max. RPM	6,000 min^{-1}
max. RCF	4,226
running time	1–99 min, ∞ continuous run, short cycle mode (impulse button)
dimesions (W x D x H)	366 x 430 x 257 mm
weight	approx. 23 kg
noise level	52 dB (A) with rotor 1628
Cat. No.	**1206**
100 – 127 V 1 ~ / 50 – 60 Hz *)	1206-01
emission, immunity	FCC class B

*) Other voltages on request.

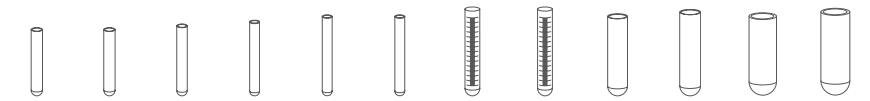
AVAILABLE ROTORS

SWING-OUT ROTORS		angle	max. RPM	max. capacity	Cat. No.	page
	swing-out rotor, 4-place	90°	4,000 min^{-1}	4 x 100 ml	**1624**	3
	swing-out rotor, 4-place	90°	4,000 min^{-1}	4 x 100 ml	**1324**	6
	swing-out rotor, 6-place	90°	4,000 min^{-1}	6 x 50 ml	**1619**	8
	swing-out rotor, 8-place	45°	4,000 min^{-1}	8 x 50 ml	**1617**	8
	swing-out rotor, 8-place	90°	4,000 min^{-1}	8 x 15 ml	**1611**	9
	swing-out rotor, 12-place	55° / 60° / 80°	4,000 min^{-1}	12 x 15 ml	**1628**	9
ANGLE ROTORS						
	angle rotor, 8-place	45°	4,000 min^{-1}	8 x 50 ml	**1418**	10
	angle rotor, 6-place	35°	6,000 min^{-1}	6 x 94 ml	**1620A**	11
	angle rotor, 12-place	35°	6,000 min^{-1}	12 x 15 ml	**1613**	12

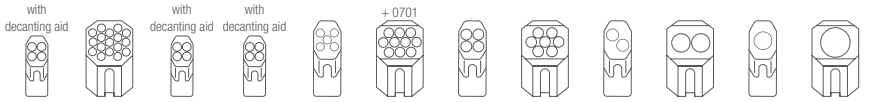
SWING-OUT ROTOR, 4-PLACE | 1624



Rotor	
max. RPM I max. RCF	4,000 min^{-1} I 2,451
max. capacity	4 x 50 ml
run-up I run-down, braked in sec	22 I 25
angle I max. noise level	90° I 55 dB (A)
Cat. No.	**1624**

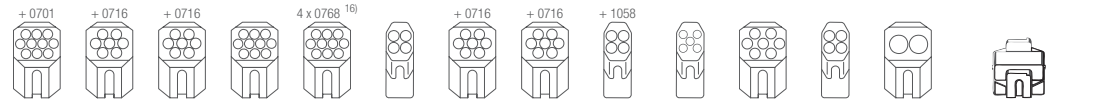


Vessels												
capacity in ml	5	5	6	7	9	9	15	15	20	25	45	50
Ø x L in mm	12 x 75	12 x 75	12 x 82	12 x 100	14 x 100	14 x 100	17 x 100	17 x 100	21 x 100	24 x 100	31 x 100	34 x 100
max. RCF [2]	2,057	2,164	2,308	2,308	2,308	2,415	2,308	2,451	2,361	2,451	2,361	2,451
radius in mm	115	121	129	129	129	135	129	137	132	137	132	137
Cat. No.	**tubes [2]**											



Adapter												
boring Ø x L in mm	12.5x64.4	13.5 x 65	12.5x71.5	12.5x71.5	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
vessels per rotor	16	68	16	16	20	40	16	28	8	8	4	4
Cat. No.	**1369-91**	**1372**	**1369-92**	**1369-92**	**1370**	**1741**	**1369**	**1742**	**1346**	**1745**	**1345**	**1746**

Vessels														
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	4 – 7	4 – 7	8.5 – 10	30	1 – 8
Ø x L in mm	8 x 66	13 x 65	15 x 75	13 x 90	13 x 75	16 x 75	13 x 75	16 x 75	13 x 100	13 x 100	13 x 100	16 x 100	26 x 95	simple / multiple
max. RCF [2]	2,415	2,325	2,325	2,451	2,129	2,361	2,325	2,325	2,361	2,361	2,451	2,451	2,451	1,646
radius in mm	135	130	130	137	119	132	130	130	132	132	137	137	137	92
Cat. No.	**blood collection / urine vessels**												**-**	**cyto chambers**



Adapter														
boring Ø x L in mm	14.6 x 78	17.6 x 78	17.6 x 78	14.6 x 78	14.6 x 78	17.6 x 74	17.6 x 78	17.6 x 78	17.6 x 74	14.6 x 74	13.5 x 78	17.6 x 74	26 x 78	-
vessels per rotor	40	28	28	40	40	16	28	28	16	20	28	16	8	4
Cat. No.	**1741**	**1742**	**1742**	**1741**	**1741**	**1369 [4]**	**1742**	**1742**	**1369 [4]**	**1370 [4]**	**1739**	**1369 [4]**	**1745**	**1660**

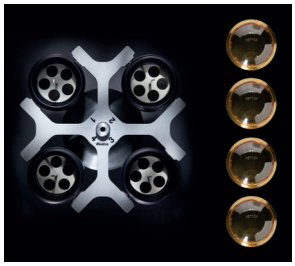
2) Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max. RCF for glass tubes annotated with footnote 2) is 4,000.
4) Please remove the spacer.
16) Packed in units of 10 pieces.
20) Vacutainers made of glass may not be used.

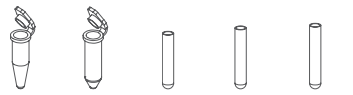
SWING-OUT ROTOR, 4-PLACE | 1624

Rotor	
max. RPM I max. RCF	4,000 min^{-1} I 1,968
max. capacity	48 x 4 ml
run-up I run-down, braked in sec	22 I 25
angle I max. noise level	90° I 56 dB (A)
Cat. No.	**1624**

+

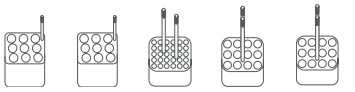
Bucket	
Cat. No.	**1366**





Vessels					
capacity in ml	1,5	2,0	1	3	4
Ø x L in mm	11 x 38	11 x 38	6 x 45	10 x 60	12 x 60
max. RCF [2]	1,968	1,968	1,950	1,932	1,932
radius in mm	110	110	109	108	108
Cat. No.	**microliter tubes**		**Rhesus**	**tubes [2]**	

+

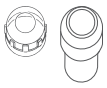


Adapter					
boring Ø x L in mm	11.5 x 38	11.5 x 38	6.5 x 23	10.5 x 23	12.5 x 44
vessels per rotor	36	36	120	48	48
Cat. No.	**5277**	**5277**	**1357**	**1327**	**1326**

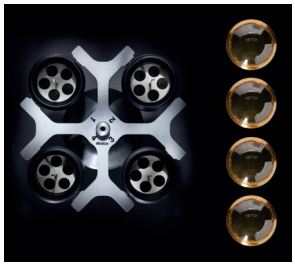
SWING-OUT ROTOR, 4-PLACE | 1624

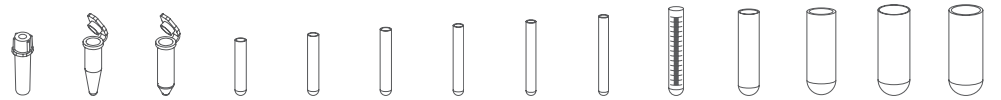
Rotor	
max. RPM I max. RCF	4,000 min^{-1} I 2,665
max. capacity	4 x 100 ml
run-up I run-down, braked in sec	22 I 25
angle I max. noise level	90° I 55 dB (A)
Cat. No.	**1624**

+



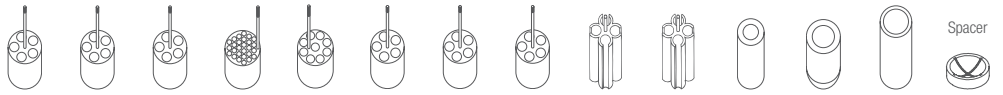
Bucket	
Lid bioseal [5]	1492
Cat. No.	**1481**





Vessels														
capacity in ml	0,5	1,5	2,0	1	3	5	6	7	9	15	25	50	94	100
Ø x L in mm	10.7 x 36	11 x 38	11 x 38	6 x 45	10 x 60	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
max. RCF [2]	2,379	2,451	2,451	2,594	2,630	2,558	2,558	2,558	2,540	2,540	2,433	2,415	2,612	2,558
radius in mm	133	137	137	145	147	143	143	143	142	142	136	135	146	143
Cat. No.	**Pediatric**	**microtubes**		**Rhesus**	**tubes [2]**									

+

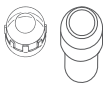


Adapter														
boring Ø x L in mm	11.2 x 38	11.2 x 38	11.2 x 38	6.5 x 34	10.5 x 43	13.4 x 48	13.4 x 48	13.4 x 48	17.6 x 91	17.6 x 91	25.2 x 87	35.2 x 87	38.5 x 92	45.9 x 98
vessels per rotor	20	20	20	108	36	20	20	20	16	16	4	4	4	4
Cat. No.	**1351**	**1351**	**1351**	**1339**	**1343**	**1383**	**1383**	**1383**	**1329**	**1329**	**1330**	**1331**	**1396**	**0761**

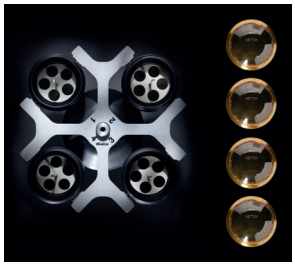
2) Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max. RCF for glass tubes annotated with footnote 2) is 4,000.
5) Tested by TÜV in conformity with DIN EN 61010, section 2 - 020.

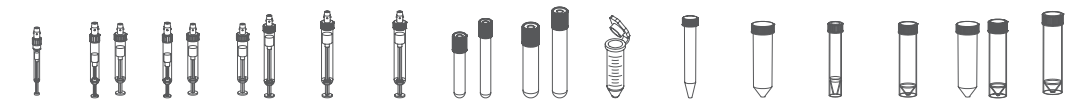
SWING-OUT ROTOR, 4-PLACE | 1624

Rotor	
max. RPM | max. RCF	4,000 min^{-1} | 2,665
max. capacity	4 x 100 ml
run-up | run-down, braked in sec	22 | 25
angle | max. noise level	90° | 55 dB (A)
Cat. No.	**1624**



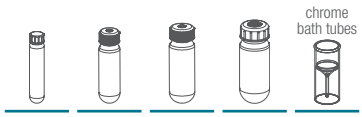
Bucket	
Lid bioseal [5]	1492
Cat. No.	**1481**





Vessels															
capacity in ml	1.1 – 1.4	2.7 – 5	2.6 – 4.9	4 – 8.5	9 – 10	10	1.6 – 7	4 – 10	5	15	50	12	25	30	50
Ø x L in mm	8 x 66	11x66/92	13x65/90	15x75/92	16 x 92	15 x 102	13x75/100	16x75/100	17 x 59	17 x 120	29 x 115	17 x 100	25 x 90	25 x 110	29 x 115
max. RCF [2]	2,576	2,558	2,558	2,576	2,540	2,665	2,558	2,522	2,665	2,665	2,665	2,665	2,343	2,665	2,665
radius in mm	144	143	143	144	142	149	143	141	149	149	149	149	131	149	149
Cat. No.	**blood collection / urine vessels**								**-**	**tubes with screw cap**					

Adapter															
boring Ø x L in mm	9 x 49	13.4 x 48	13.4 x 48	15.6 x 47	17.6 x 91	17.6 x 91	13.4 x 48	16.5 x 56	17 x 45	17 x 90	30 x 90	17 x 80	26 x 72	26 x 80	29.5 x 80
vessels per rotor	28	20	20	16	16	16	20	16	12	4	4	4	4	4	4
Cat. No.	**1457**	**1383**	**1383**	**1459**	**1329**	**1329** [4]	**1383**	**1348**	**6341**	**1347**	**1384**	**6311**	**1363**	**1365**	**6318**



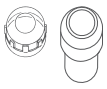
Vessels					
capacity in ml	10	30	50	85	30
Ø x L in mm	16 x 80	26 x 95	29 x 107	38 x 106	44 x 105
max. RCF [2]	2,522	2,451	2,630	2,612	2,540
radius in mm	141	137	147	146	142
Cat. No.	**tubes with screw cap**				**0534** [6]

Adapter					
boring Ø x L in mm	16.5 x 56	26 x 83	29 x 93	38.5 x 92	45.9 x 98
vessels per rotor	16	4	4	4	4
Cat. No.	**1348**	**4417**	**4416**	**1396**	**0765**

4) Please remove spacer.
5) Tested by TÜV in conformity with DIN EN 61010, section 2 - 020.
6) A rubber stopper for closing the tube for agitating or mixing is available under Cat. No. 0535. The tube may not be centrifuged with the stopper.

SWING-OUT ROTOR, 4-PLACE | 1324

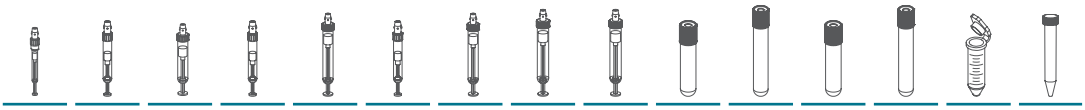
Rotor	
max. RPM I max. RCF	4,000 min⁻¹ I 2,630
max. capacity	4 x 100 ml
run-up I run-down, braked in sec	27 I 30
angle I max. noise level	90° I 55 dB (A)
Cat. No.	**1324**



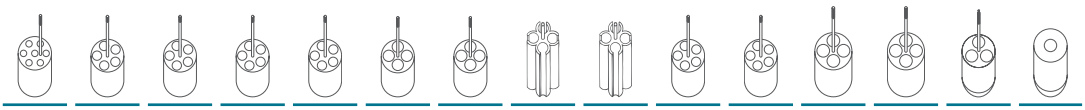
Bucket	
Lid bioseal [5]	1492
Cat. No.	**1490**

Vessels															
capacity in ml	0,5	1,5	2,0	1	3	4	5	6	7	9	15	25	50	94	100
Ø x L in mm	10.7 x 36	11 x 38	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
max. RCF [2]	2,343	2,415	2,415	2,558	2,594	2,594	2,522	2,522	2,522	2,504	2,504	2,397	2,379	2,576	2,522
radius in mm	131	135	135	143	145	145	141	141	141	140	140	134	133	144	141
Cat. No.	Pediatric	microliter tubes		Rhesus	tubes [2]										

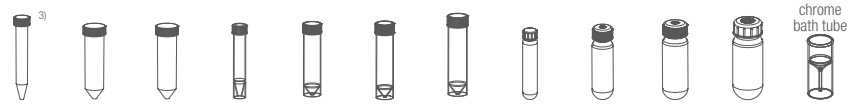
Adapter															
															spacer
boring Ø x L in mm	11.2 x 38	11.2 x 38	11.2 x 38	6.5 x 34	10.5 x 43	10.5 x 43	13.4 x 48	13.4 x 48	13.4 x 48	17.6 x 91	17.6 x 91	25.2 x 87	35.2 x 87	38.5 x 92	45.9 x 100.5
vessels per rotor	20	20	20	108	36	36	20	20	20	16	16	4	4	4	4
Cat. No.	**1351**	**1351**	**1351**	**1339**	**1343**	**1343**	**1383**	**1383**	**1383**	**1329**	**1329**	**1330**	**1331**	**1396**	**0761**



Vessels															
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	5	15
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	17 x 59	17 x 120
max. RCF [2]	2,540	2,522	2,522	2,522	2,522	2,540	2,540	2,504	2,630	2,522	2,522	2,486	2,486	2,630	2,630
radius in mm	142	141	141	141	141	142	142	140	147	141	141	139	139	147	147
Cat. No.	blood collection / urine vessels													-	-



Adapter															
boring Ø x L in mm	9 x 47	13.4 x 48	13.4 x 48	13.4 x 48	13.4 x 48	15.6 x 47	15.6 x 47	17.6 x 91	17.6 x 91	13.4 x 48	13.4 x 48	16.5 x 56	16.5 x 56	17 x 45	17 x 90
vessels per rotor	28	20	20	20	20	16	16	16	16	20	20	16	16	12	4
Cat. No.	**1457**	**1383**	**1383**	**1383**	**1383**	**1459**	**1459**	**1329**	**1329 [4]**	**1383**	**1383**	**1348**	**1348**	**6341**	**1347**



Vessels												
	[3]											chrome bath tube
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
max. RCF [2]	2,630	2,630	2,630	2,630	2,308	2,630	2,630	2,486	2,415	2,594	2,576	2,504
radius in mm	147	147	147	147	129	147	147	139	135	145	144	140
Cat. No.	tubes with screw cap											0534 [6]

Adapter												
												spacer
boring Ø x L in mm	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
vessels per rotor	12	4	4	4	4	4	4	16	4	4	4	4
Cat. No.	**1356**	**1365**	**1384**	**6311**	**1363**	**1365**	**6318**	**1348**	**4417**	**4416**	**1396**	**0765**

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.

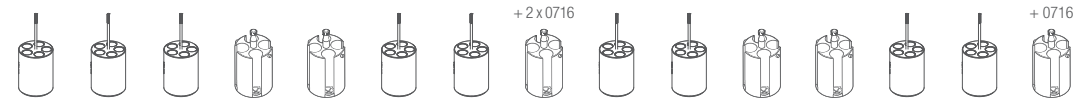
6) A rubber stopper for closing the tube for agitating or mixing is available under Cat. No. 0535. The tube may not be centrifuged with the stopper.

SWING-OUT ROTOR, 4-PLACE | 1324

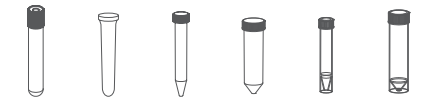
Rotor	
max. RPM I max. RCF	4,000 min-1 I 2,612
max. capacity	4 x 50 ml
run-up I run-down, braked in sec	27 I 30
angle	90° I 56 dB (A)
Cat. No.	**1324**

Bucket	
Cat. No.	**1398**

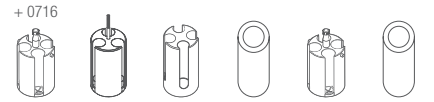
Vessels															
capacity in ml	5	6	7	9	15	2.6–3.4	2.7–3	4–5.5	4.5–5	4.9	9 – 10	10	1.6 – 5	4 – 7	4 – 7
Ø x L in mm	12x75	12x82	12x100	14x100	17x100	13x65	11x66	15x75	11x92	13x90	16x92	15x102	13x75	13x100	16x75
max. RCF [2]	2,486	2,486	2,486	2,522	2,522	2,486	2,486	2,272	2,486	2,486	2,522	2,522	2,486	2,486	2,397
radius in mm	139	139	139	141	141	139	139	127	139	139	141	141	139	139	134
Cat. No.	tubes [2]					blood collection / urine vessels									



Adapter															
								+ 2 x 0716							+ 0716
boring Ø x L in mm	13.4x57.5	13.4x57.5	13.4x57.5	17.5x81	17.5x81	13.4x57.5	13.4x57.5	17.5x81	13.4x57.5	13.4x57.5	17.5x81	17.5x81	13.4x57.5	13.4x57.5	17.5x81
vessels per rotor	20	20	20	16	16	20	20	16	20	20	16	16	20	20	16
Cat. No.	**1486**	**1486**	**1486**	**1482A**	**1482A**	**1486**	**1486**	**1482A**	**1486**	**1486**	**1482A**	**1482A**	**1486**	**1486**	**1482A**



Vessels						
capacity in ml	8.5 – 10	12	15	50	12	50
Ø x L in mm	16x100	17x102	17 x 120	29 x 115	17 x 100	29 x 115
max. RCF [2]	2,397	2,451	2,612	2,576	2,522	2,576
radius in mm	134	137	146	144	141	144
Cat. No.	blood collection / urine vessels		tubes with screw cap			



Adapter						
	+ 0716					
boring Ø x L in mm	17.5x81	17.5x74	17x100	30x98	17.5x81	30x98
vessels per rotor	16	12	16	4	16	4
Cat. No.	**1482A**	**1487**	**1483A**	**1484**	**1482A**	**1484** [4]

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.

6) A rubber stopper for closing the tube for agitating or mixing is available under Cat. No. 0535. The tube may not be centrifuged with the stopper.

SWING-OUT ROTOR, 6-PLACE | 1619

Rotor	
max. RPM I max. RCF	4,000 min^{-1} I 2,701
max. capacity	6 x 50 ml
run-up I run-down, braked in sec	22 I 25
angle I max. noise level	90° I 54 dB (A)
Cat. No.	**1619**

Vessels		
capacity in ml	15	50
Ø x L in mm	17 x 120	29 x 115
max. RCF [2]	2,701	2,701
radius in mm	151	151
Cat. No.	**tubes with screw cap**	

+

Adapter		
boring Ø x L in mm	17 x 84	30 x 87.5
vessels per rotor	6	6
Cat. No.	**1462-A**	**-**

SWING-OUT ROTOR, 8-PLACE | 1617

Rotor	
max. RPM I max. RCF	4,000 min^{-1} I 2,469
max. capacity	8 x 50 ml
run-up I run-down, braked in sec	22 I 25
angle I max. noise level	45° I 53 dB (A)
Cat. No.	**1617**

Vessels		
capacity in ml	15	50
Ø x L in mm	17 x 120	29 x 115
max. RCF [2]	2,469	2,469
radius in mm	138	138
Cat. No.	**tubes with screw cap**	

+

Adapter		
boring Ø x L in mm	17 x 84	30 x 94.5
vessels per rotor	8	8
Cat. No.	**1462-A**	**-**

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 | 1611

Rotor	
max. RPM I max. RCF	4,000 min^{-1} I 2,415
max. capacity	8 x 15 ml
run-up I run-down, braked in sec	22 I 25
angle I max. noise level	90° I 53 dB (A)
Cat. No.	**1611**

Vessels														
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
Ø x L in mm	12x75	12x82	12x100	13x100	17x100	13x65	11x66	15x75	11x92	15x92	13x75	13x100	16x75	16x100
max. RCF [2]	1,914	1,914	2,415	2,415	2,415	1,914	1,914	1,914	2,415	2,415	1,914	2,415	1,914	2,415
radius in mm	107	107	135	135	135	107	107	107	135	135	107	135	107	135
Cat. No.	**tubes [2]**					**blood collection / urine vessels**								

+

Bucket														
boring Ø x L in mm	13x53	13x53	13.2x81	13.2x81	17.5x81	13 x 53	13 x 53	17.5 x 53	13.2 x 81	17.5 x 81	13 x 53	13.2 x 81	17.5 x 53	17.5 x 81
vessels per rotor	8	8	8	8	8	8	8	8	8	8	8	8	8	8
Cat. No.	**1131-A**	**1131-A**	**1643**	**1643**	**1644**	**1131-A**	**1131-A**	**1132-A**	**1643**	**1644**	**1131-A**	**1643**	**1132-A**	**1644**

SWING-OUT ROTOR, 12-PLACE | 1628

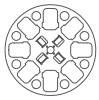
Rotor	
max. RPM I max. RCF	4,000 min^{-1} I 2,683
max. capacity	12 x 15 ml
run-up I run-down, braked in sec	22 I 25
angle I max. noise level	55° / 60° / 80° I 52 dB (A)
Cat. No.	**1628**

Vessels									
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
Ø x L in mm	12x75	17x100	13x65	11x66	15x75	15x92	13x75	16x75	16x100
max. RCF [2]	2,236	2,683	2,236	2,236	2,254	2,683	2,236	2,254	2,683
radius in mm	125	150	125	125	126	150	125	126	150
Cat. No.	**tubes [2]**		**blood collection / urine vessels**						

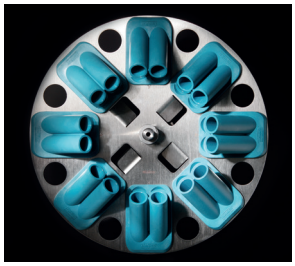
+

Bucket									
boring Ø x L in mm	13.2x53	17.5x79	13.2x53	13.2x53	17.5x53	17.5x79	13.2x53	17.5x53	17.5x79
vessels per rotor	12	12	12	12	12	12	12	12	12
Cat. No.	**1127-A**	**1621**	**1127-A**	**1127-A**	**1122**	**1621**	**1127-A**	**1122**	**1621**

ANGLE ROTOR, 8-PLACE | 1418



Rotor	
max. RPM I max. RCF	4,000 min^{-1} I 2,612
max. capacity	8 x 50 ml
run-up I run-down, braked in sec	36 I 43
angle I max. noise level	45° I 53 dB (A)
Cat. No.	**1418**

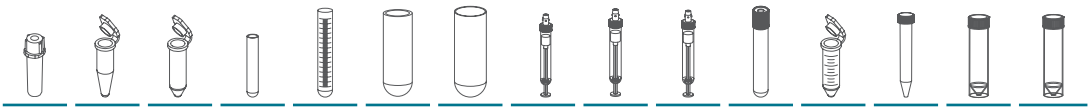


Vessels															
capacity in ml	5	15	1.1 – 1.4	2.6 – 3.4	2.7 – 3	9 – 10	1.6 – 5	4 – 7	8.5 – 10	12	15	50	12	50	50
Ø x L in mm	12 x 75	17 x 100	8 x 66	13 x 65	11 x 66	16 x 92	13 x 75	13 x 100	16 x 100	17 x 102	17 x 120	29 x 115	17 x 100	29 x 115	29 x 107
max. RCF [2]	2,182	2,540	2,182	2,182	2,182	2,540	2,182	2,612	2,540	2,540	2,594	2,486	2,540	2,486	2,486
radius in mm	122	142	122	122	122	142	122	146	142	142	145	139	142	139	139
Cat. No.	**tubes [2]**		**blood collection / urine vessels**								**tubes with screw cap**				
+	+ 1054-A	+ 0716	+ 1054-A	+ 1054-A	+ 1054-A	+ 0716	+ 1054-A		+ 0716	+ 0716	+ E2109	+ E2110-A	+ 0716		
Carrier															
boring Ø x L in mm	17.4 x 91	17.4 x 91	17.4 x 91	17.4 x 91	17.4 x 91	17.4 x 91	17.4 x 91	17.4 x 91	17.4 x 91	17.4 x 91	17.4 x 91	30.2 x 92	17.4 x 91	30.2 x 92	30.2 x 92
vessels per rotor	32	32	32	32	32	32	32	32	32	32	32	8	32	8	8
Cat. No.	**1467**	**1467**	**1467**	**1467**	**1467**	**1467**	**1467**	**1467**	**1467**	**1467**	**1467**	**1468**	**1467**	**1468**	**1468**

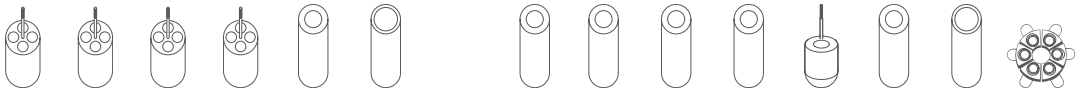
2) Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers. The max. RCF for glass tubes annotated with footnote 2) is 4,000.

ANGLE ROTOR, 6-PLACE | 1620A

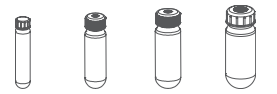
Rotor	
max. RPM I max. RCF	6,000 min^{-1} I 4,226
max. capacity	6 x 94 ml
run-up I run-down, braked in sec	19 I 22
angle I max. noise level	35° I 53 dB (A)
Cat. No.	**1620A**



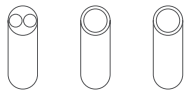
Vessels															
capacity in ml	0.5	1.5	2.0	3	15	50	94	7.5 – 8.5	9 – 10	10	8.5 – 10	5	15	50	50
Ø x L in mm	10.7 x 36	11 x 38	11 x 38	10 x 60	17 x 100	34 x 100	38 x 102	15 x 92	16 x 92	15 x 102	16 x 100	17 x 59	17 x 120	29 x 115	29 x 115
max. RCF [2]	4,105	4,105	4,105	4,105	3,904	4,146	4,226	3,904	3,904	3,904	3,904	3,824	3,985	3,985	3,985
radius in mm	102	102	102	102	97	103	105	97	97	97	97	95	99	99	99
Cat. No.	**Pediatric**	**microliter tubes**		**tubes [2]**				**blood collection / urine vessels**				**-**	**tubes with screw cap**		



Adapter															
boring Ø x L in mm	11.4 x 39	11.4 x 39	11.4 x 39	11.4 x 39	17.5 x 92	35 x 89	38.6x90.2	17.5 x 92	17.5 x 92	17.5 x 92	17.5 x 92	17 x 51	17 x 106	29.8 x 97	-
vessels per rotor	24	24	24	24	6	6	6	6	6	6	6	6	6	3	6
Cat. No.	**1449**	**1449**	**1449**	**1449**	**1451**	**1463**	**-**	**1451**	**1451**	**1451**	**1451**	**1476**	**1466**	**1454**	**1646 [8]**



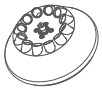
Vessels				
capacity in ml	10	30	50	85
Ø x L in mm	16 x 80	26 x 95	29 x 107	38 x 106
max. RCF [2]	3,904	3,824	4,025	4,226
radius in mm	97	95	100	105
Cat. No.	**tubes with screw cap**			



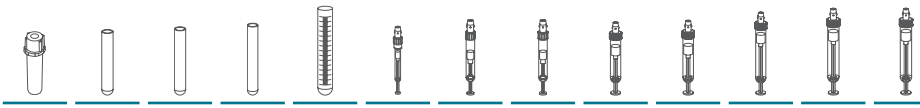
Adapter				
boring Ø x L in mm	16.5 x 74	26 x 85	29 x 92	38.6x90.2
vessels per rotor	12	6	6	6
Cat. No.	**1448**	**1447**	**1446**	**-**

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.
8) Adapter (Set), 6-place: for conical 50 ml tubes with screw cap.

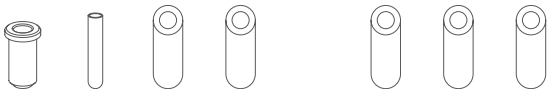
ANGLE ROTOR, 12-PLACE | 1613



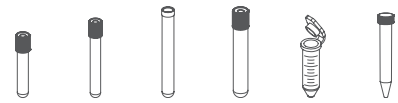
Rotor	
max. RPM I max. RCF	6,000 min^{-1} I 4,146
max. capacity	12x15 ml
run-up I run-down, braked in sec	13 I 15
angle I max. noise level	35° I 55 dB (A)
Cat. No.	**1613**



Vessels													
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	10
Ø x L in mm	10.7x36	10x88	12x75	12x82	17x100	8 x 66	13x65	11x66	11x92	13x90	15x92	16x92	15x102
max. RCF [2]	2,777	3,502	3,300	3,300	4,146	3,300	3,300	3,300	4,146	4,146	4,146	4,146	4,146
radius in mm	69	87	82	82	103	82	82	82	103	103	103	103	103
Cat. No.	**Pediatric**	**tubes [2]**				**blood collection / urine vessels**							



Adapter													
boring Ø x L in mm	11x35	11.5x67.5	13.5x60	13.5x60	17.7x88	13.5x60	13.5x60	13.5x60	17.7x88	17.7x88	17.7x88	17.7x88	17.7x88
vessels per rotor	12	12	12	12	12	12	12	12	12	12	12	12	12
Cat. No.	**2 x 1063-6 (6 pcs.)**	**6305**	**1054-A**	**1054-A**	**-**	**1054-A**	**1054-A**	**1054-A**	**-**	**-**	**-**	**-**	**-**



Vessels						
capacity in ml	1.6 – 5	4 – 7	8	8.5 – 10	5	15
Ø x L in mm	13x75	13x100	16x125	16x100	17x59	17x120
max. RCF [2]	3,300	4,146	4,146	4,146	3,180	4,146
radius in mm	82	103	103	103	79	103
Cat. No.	**blood collection / urine vessels**				**-**	**-**

Adapter						
boring Ø x L in mm	13.5x60	13.5x79	17.7x88	17.7x88	17x25	17.7x88
vessels per rotor	12	12	6	12	12	6
Cat. No.	**1054-A**	**1058**	**-**	**-**	**1064**	**-**

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.

CERTIFICATES / REGISTRATIONS

IvD CONFORM according to directive 98/79/EC

MEDCERT

AEO

TÜV SÜD NRTL C US
www.tuev-sued.de/ps-zert

MADE IN GERMANY

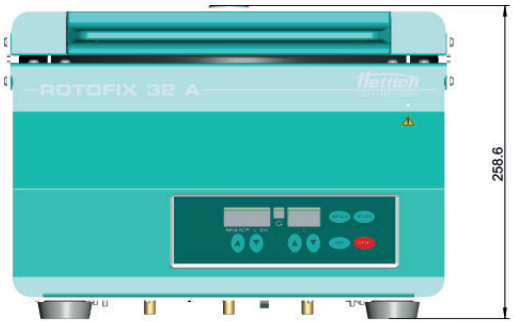
QUALITY SYSTEM CERTIFICATION DNV·GL ISO 9001

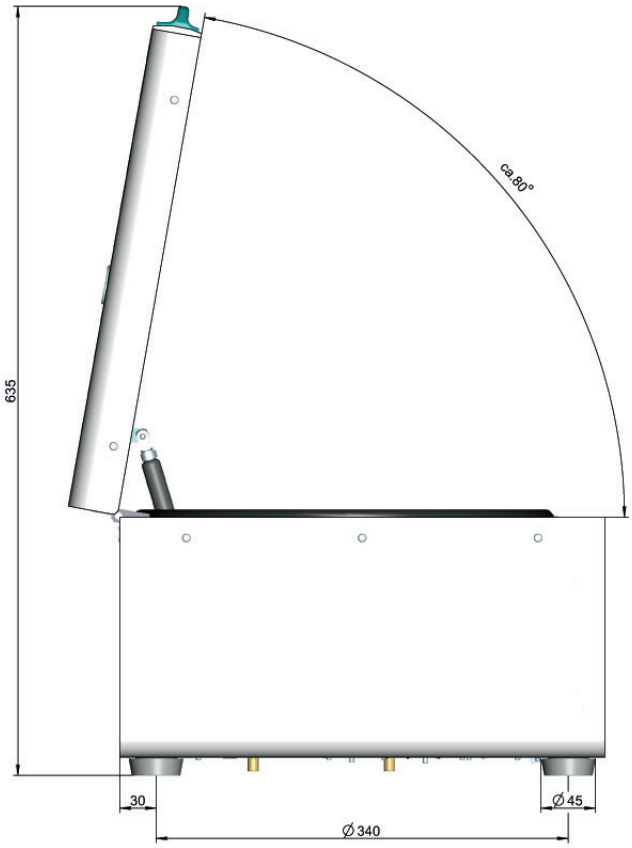
ENVIRONMENTAL SYSTEM CERTIFICATION DNV·GL ISO 14001

DOWNLOADS

- Operating manual – ROTOFIX 32 A
- Complete Range

DIMENSIONS





WolfLabs

Pricing on any accessories shown can be found by keying the part number into the search box on our website.

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct.
If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

www.wolflabs.co.uk

Tel : 01759 301142

Fax : 01759 301143

sales@wolflabs.co.uk

Please contact us if this literature doesn't answer all your questions.