

TOP
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ROTOFIX 32 A
Benchtop Centrifuge

ROTOFIX 32 A

The ROTOFIX 32 A is a rugged, versatile and indispensable centrifuge for routine laboratory tasks in doctors' practices and small hospitals. But not only is the ROTOFIX 32 A ideally equipped for tasks in clinical chemistry, it can also play a vital role in cytology. Yet this versatile centrifuge can handle a lot more than medical applications. With its wide variety of accessories, the ROTOFIX 32 A can also be used for the preparation of samples in industrial and research laboratories. Tubes that are suitable for chrome bath testing are also available.



Control panel (E control panel)

PERFORMANCE

- max. RCF: 4,226
- max. capacity: 4 x 100 ml
 - max. 32 x 15 ml
 - max. 8 slide carriers for cyto preparations

DESIGN

- metal housing and lid
- stainless steel centrifuging chamber
- practical lid locking device
- viewing port in the lid

SAFETY

- lid locking and holding
- imbalance switch-off
- automatic rotor recognition
- emergency lid lock release

DISPLAY AND CONTROLS

- foil keypad
 - fast, precise and easy entry of the parameters via selector keys
- speed RPM
 - entry in increments of 100
- time t/min
 - entry in minutes, max. 99 min.
- impulse key
 - for short centrifuging
- RCF key
 - Indication of the RCF during centrifugation, as long as the key is pressed. This requires the previous entry of the rotor radius.


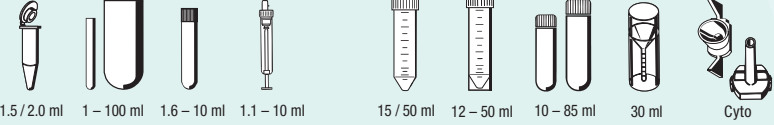





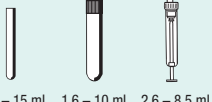


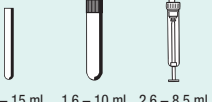







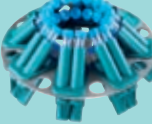



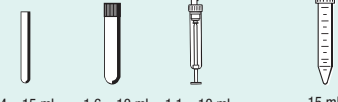


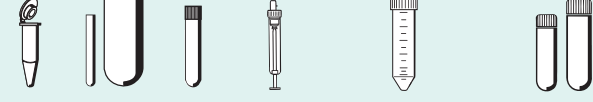

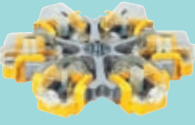





ROTOFIX 32 A

Cat. No. 1206

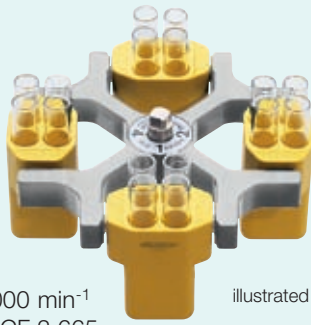
ROTORS

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 $\pm 90^\circ$ $n = 4,000 \text{ min}^{-1}$ max. RCF 2,665 Cat. No. 1624</p> |  <p>1.5 / 2.0 ml 1 – 100 ml 1.6 – 10 ml 1.1 – 10 ml 15 / 50 ml 12 – 50 ml 10 – 85 ml 30 ml Cyto</p> <p style="text-align: right;"> Page 4-5</p> |
|  <p>Swing-out rotor, 4-place $\pm 90^\circ$ $n = 4,000 \text{ min}^{-1}$ max. RCF 2,630 Cat. No. 1324</p> |  <p>1.5 / 2.0 ml 1 – 100 ml 1.6 – 10 ml 1.1 – 10 ml 12 ml 15 – 50 ml 12 – 50 ml 10 – 85 ml 30 ml</p> <p style="text-align: right;"> Page 6-7</p> |
|  <p>Swing-out rotor, 8-place $\pm 90^\circ$ $n = 4,000 \text{ min}^{-1}$ max. RCF 2,415 Cat. No. 1611</p> |  <p>5 – 15 ml 1.6 – 10 ml 2.6 – 8.5 ml</p> <p style="text-align: right;"> Page 8</p> |
|  <p>Swing-out rotor, 12-place $\pm 55^\circ - 80^\circ$ $n = 4,000 \text{ min}^{-1}$ max. RCF 2,683 Cat. No. 1628</p> |  <p>5 – 15 ml 1.6 – 10 ml 2.6 – 8.5 ml</p> <p style="text-align: right;"> Page 8</p> |
|  <p>Swing-out rotor, 6-place $\pm 90^\circ$ $n = 4,000 \text{ min}^{-1}$ max. RCF 2,701 Cat. No. 1619</p> |  <p>15 / 50 ml</p> <p style="text-align: right;"> Page 9</p> |
|  <p>Swing-out rotor, 8-place $\pm 45^\circ$ $n = 4,000 \text{ min}^{-1}$ max. RCF 2,469 Cat. No. 1617</p> |  <p>15 / 50 ml</p> <p style="text-align: right;"> Page 9</p> |
|  <p>Angle rotor, 8-place $\pm 45^\circ$ $n = 4,000 \text{ min}^{-1}$ max. RCF 2,594 Cat. No. 1418</p> |  <p>5 – 15 ml 1.6 – 5 ml 1.1 – 10 ml 12 ml 15 / 50 ml 12 / 50 ml 50 ml</p> <p style="text-align: right;"> Page 9</p> |
|  <p>Angle rotor, 12-place $\pm 35^\circ$ $n = 6,000 \text{ min}^{-1}$ max. RCF 4,146 Cat. No. 1613</p> |  <p>4 – 15 ml 1.6 – 10 ml 1.1 – 10 ml 15 ml</p> <p style="text-align: right;"> Page 10</p> |
|  <p>Angle rotor, 6-place $\pm 35^\circ$ $n = 6,000 \text{ min}^{-1}$ max. RCF 4,226 Cat. No. 1620A</p> |  <p>1.5 / 2.0 ml 3 – 85 ml 8.5 – 10 ml 7.5 – 10 ml 15 / 50 ml 10 – 85 ml</p> <p style="text-align: right;"> Page 11</p> |
|  <p>Cyto rotor, 6-place $n = 4,000 \text{ min}^{-1}$ max. RCF 2,039 Cat. No. 1626</p> | <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.</p> <p style="text-align: right;"> Cyto</p> |
|  <p>Cyto rotor, 8-place $n = 4,000 \text{ min}^{-1}$ max. RCF 2,218 Cat. No. 1648</p> | <p style="text-align: right;"> Cyto</p> |

ROTORS AND ACCESSORIES

Swing-out rotor, 4-place

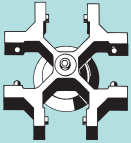
























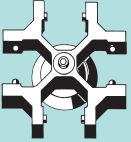
















±90°

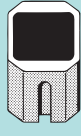





n = 4,000 min⁻¹
max. RCF 2,665

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. | 0553²⁾ | 0501²⁾ | 0578²⁾ | 0500²⁾ | 0518²⁾ | - | 0519²⁾ | - | 0521²⁾ | blood/urine tubes | | | |
|  rotor Cat. No. 1624 |  |  |  |  |  |  |  |  |  |  |  | | |
| |  |  |  |  |  |  |  |  |  |  |  | | |
| 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 | ☐ 25 ☐ 110 | | | | | | | | | | | | |

| 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 chambers³⁾ | |
|  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 | ☐ 25 ☐ 110 | | | | | | | |

| 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 | ☐ 25 ☐ 110 | | | | |

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⁾ Please ask for our detailed cyto brochure.

ROTORS AND ACCESSORIES



illustrated with carriers 1381 and lids 1382

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

| capacity in ml | 1.5 | 2.0 | 1 | 3 | 5/6/7 | 9 | 15 | 25 | 50 | 85 | 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 101 | 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 Cat. No. 1382 | | | | | | | | | | | | | | | | | |
| carrier Cat. No. 1381 | | | | | | | | | | | | | | | | | |
| Cat. No. | 1351 | 1339 | 1343 | 1383 | 1329 | 1330 | 1331 | 1396 | 0761 | 1457 | 1383 | 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 | 45.6 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 | ☐ 25 ◻ 110 | | | | | | | | | | | | | | | | |

| 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 | 0534⁵⁾ | |
| lid Cat. No. 1382 | | | | | | | | | | | | | | | | |
| carrier Cat. No. 1381 | | | | | | | | | | | | | | | | |
| 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 | 45.6 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 | ☐ 25 ◻ 110 | | | | | | | | | | | | | | | |

⁴⁾ Please remove the inserts.

⁵⁾ 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.

ROTORS AND ACCESSORIES

Swing-out rotor, 4-place



↻ 90°

n = 4,000 min⁻¹
max. RCF 2,630

illustrated with carriers 1398

Cat. No. (without carriers) **1324**

| | | | | | | | | | | | | | | | |
|--------------------------|---------------|-------------|---------------|-----------|---------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------------|--------------------------|-------|
| capacity in ml | 1.5 | 2.0 | 1 | 3 | 4 | 5 | 6 | 7 | 9 | 15 | 25 | 50 | 85 | 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 101 | 44 x 100 | |
| Cat. No. | 2078 | 0536 | Rhesus | - | - | 0553²⁾ | 0501²⁾ | 0578²⁾ | 0500²⁾ | 0518²⁾ | 0519²⁾ | 0521²⁾ | 0549 | 0526²⁾ | |
| lid Cat. No. 1382 | | | | | | | | | | | | | | | |
| carrier Cat. No. 1390 | | | | | | | | | | | | | | | |
| 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 | 45.6 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 | ☐ 30 ☐ 420 | | | | | | | | | | | | | | |

| | | | | | | | | | | | | | |
|--------------------------|-------------------------------------|-------------|---------|-------------|---------|---------|-------------|---------|--------------------------|-------------|-------------|-----------|----------|
| 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 Cat. No. 1382 | | | | | | | | | | | | | |
| carrier Cat. No. 1390 | | | | | | | | | | | | | |
| 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 | ☐ 30 ☐ 420 | | | | | | | | | | | | |

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.


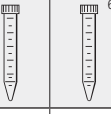




































⁴⁾ Please remove the inserts.









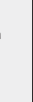


















ROTORS AND ACCESSORIES



carrier 1398 with adapter 1483-A
and conical 15 ml tubes with screw cap 0509

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 ⁵⁾ |
| lid Cat. No. 1382  |  | |  |  |  |  |  |  |  |  |  |  |  |
| |  | |  |  |  |  |  |  |  |  |  |  |  |
| carrier Cat. No. 1390 |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 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 | 45.6 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 | ☐ 30 ○ 420 | | | | | | | | | | | | |

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|--|---|---|---|---|---|---|---|---|---|---|---|---|
| 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  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |
| |  |  |  |  |  |  |  |  |  |  | | | | | | | |
| Cat. No. | 1486 | 1482A | 1486 | 1482A | 1486 | 1482A | 1486 | 1482A | 1486 | 1482A | 1486 | 1482A | 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 81 | 17.5 x 74 |
| tubes per rotor | 20 | | 16 | | | 20 | | 16 | | 20 | | 16 | | 20 | | 16 | 12 |
| max. RCF ²⁾ | 2,486 | | 2,522 | | | 2,486 | | 2,272 | | 2,486 | | 2,522 | | 2,486 | | 2,397 | 2,451 |
| radius in mm | 139 | | 141 | | | 139 | | 127 | | 139 | | 141 | | 139 | | 134 | 137 |
| run-up in sec | 27 | | | | | | | | | | | | | | | | |
| run-down in sec | ☐ 30 ○ 420 | | | | | | | | | | | | | | | | |

⁵⁾ 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.
⁶⁾ When using these tubes, bucket 1390 cannot be closed with lid 1382.

ROTORS AND ACCESSORIES

Swing-out rotor, 6-place

Swing-out rotor, 8-place



∠90°

n = 4,000 min⁻¹
max. RCF 2,701





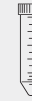


∠90°




n = 4,000 min⁻¹
max. RCF 2,415

















Swing-out rotor 1324

Cat. No. (with carriers) 1619

Cat. No. (without carriers) 1611

| capacity in ml | 15 | 50 | 12 | 50 |
|---|---|---|---|---|
| ∅ x L in mm | 17 x 120 | 29 x 115 | 17 x 100 | 29 x 115 |
| Cat. No. | 0509 | 0513 | - | - |
|  carrier Cat. No. 1398 |  |  |  |  |
| Cat. No. | 1483A | 1484 | 1482A | 1484⁴⁾ |
| boring ∅ x L in mm | 17 x 100 | 30 x 98 | 17.5 x 81 | 30 x 98 |
| tubes per rotor | 16 | 4 | 16 | 4 |
| max. RCF ²⁾ | 2,612 | 2,576 | 2,522 | 2,576 |
| radius in mm | 146 | 144 | 141 | 144 |
| run-up in sec | 27 | | | |
| run-down in sec | ☐ 30 ☐ 420 | | | |



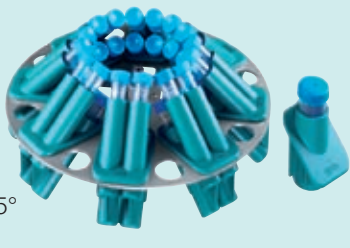
| capacity in ml | 15 | 50 |
|---|---|---|
| ∅ x L in mm | 17 x 120 | 29 x 115 |
| Cat. No. | 0509 | 0513 |
|  rotor Cat. No. 1619 |  |  |
| Cat. No. | 1462-A | - |
| boring ∅ x L in mm | 17 x 84 | 30 x 87.5 |
| tubes per rotor | 6 | |
| max. RCF ²⁾ | 2,701 | |
| radius in mm | 151 | |
| run-up in sec | 22 | |
| run-down in sec | ☐ 25 ☐ 110 | |





| 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 | 12 x 75 | 12 x 82 | 12 x 100 | 17 x 70 | 13 x 100 | 17 x 100 | 13 x 65 | 11 x 66 | 15 x 75 | 11 x 92 | 15 x 92 | 13 x 75 | 13 x 100 | 16 x 75 | 16 x 100 |
| Cat. No. | 0553²⁾ | 0501²⁾ | 0578²⁾ | 2079 | - | 0518²⁾ | blood collection/urine tubes | | | | | | | | |
|  rotor Cat. No. 1611 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cat. No. | 1131 | 1643 | 1132 | 1643 | 1644 | 1131 | 1132 | 1643 | 1644 | 1131 | 1643 | 1132 | 1644 | | |
| boring ∅ x L in mm | 13 x 53 | 13.2 x 81 | 17.5 x 53 | 13.2 x 81 | 17.5 x 81 | 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 | | |
| tubes per rotor | 8 | | | | | | | | | | | | | | |
| max. RCF ²⁾ | 1,914 | 2,415 | 1,914 | 2,415 | 1,914 | 2,415 | 1,914 | 2,415 | 1,914 | 2,415 | 1,914 | 2,415 | 1,914 | 2,415 | |
| radius in mm | 107 | 135 | 107 | 135 | 107 | 135 | 107 | 135 | 107 | 135 | 107 | 135 | 107 | 135 | |
| run-up in sec | 22 | | | | | | | | | | | | | | |
| run-down in sec | ☐ 25 ☐ 104 | | | | | | | | | | | | | | |






















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.

ROTORS AND ACCESSORIES

| Swing-out rotor, 8-place | Swing-out rotor, 12-place | Angle rotor, 8-place |
|---|---|--|
|  <p>∠ 45°</p> <p>n = 4,000 min⁻¹ max. RCF 2,469</p> <p>Cat. No. (with carriers) 1617</p> |  <p>∠ 55° (with carriers 1127) ∠ 60° (with carriers 1122) ∠ 80° (with carriers 1621)</p> <p>n = 4,000 min⁻¹ max. RCF 2,683</p> <p>Cat. No. (without carriers) 1628</p> |  <p>∠ 45°</p> <p>n = 4,000 min⁻¹ max. RCF 2,594</p> <p>Cat. No. (without adapters) 1418</p> |

| | | |
|--|--|---|
| capacity in ml | 15 | 50 |
| ∅ x L in mm | 17 x 120 | 29 x 115 |
| Cat. No. | 0509 | 0513 |
|  <p>rotor Cat. No. 1617</p> |  |  |
| |  | |
| Cat. No. | 1462-A | - |
| boring ∅ x L in mm | 17 x 84 | 30 x 94.5 |
| tubes per rotor | 8 | |
| max. RCF ²⁾ | 2,469 | |
| radius in mm | 138 | |
| run-up in sec | 22 | |
| run-down in sec | ☐ 25 ☐ 110 | |

| | | | | | | | | | | |
|--|--|--|--|---|--|--|--|--|--|--|
| capacity in ml | 5 | 10 | 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 | 12 x 75 | 17 x 70 | 17 x 100 | 13 x 65 | 11 x 66 | 15 x 75 | 15 x 92 | 13 x 75 | 16 x 75 | 16 x 100 |
| Cat. No. | 0553²⁾ | 2079 | 0518²⁾ | blood collection/urine tubes | | | | | | |
|  <p>rotor Cat. No. 1628</p> |  |  |  |  |  |  |  |  |  |  |
| |  |  |  |  |  |  |  |  |  |  |
| Cat. No. | 1127 | 1122 | 1621 | 1127 | 1122 | 1621 | 1127 | 1122 | 1621 | |
| boring ∅ x L in mm | 13.2 x 53 | 17.5 x 53 | 17.5 x 79 | 13.2 x 53 | 17.5 x 53 | 17.5 x 79 | 13.2 x 53 | 17.5 x 53 | 17.5 x 79 | |
| tubes per rotor | 12 | | | | | | | | | |
| max. RCF ²⁾ | 2,236 | 2,254 | 2,683 | 2,236 | 2,254 | 2,683 | 2,236 | 2,254 | 2,683 | |
| radius in mm | 125 | 126 | 150 | 125 | 126 | 150 | 125 | 126 | 150 | |
| run-up in sec | 22 | | | | | | | | | |
| run-down in sec | ☐ 25 ☐ 110 | | | | | | | | | |

| | | | | | | | | | | | | | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|
| capacity in ml | 5 | 15 | 1.1–1.4 | 2.6–3.4 | 2.7–3 | 9–10 | 1.6–5 | 12 | 15 | 50 | 12 | 50 | 50 |
| ∅ 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 | 17 x 102 | 17 x 120 | 29 x 115 | 17 x 100 | 29 x 115 | 29 x 107 |
| Cat. No. | 0553²⁾ | 0518²⁾ | blood collection/urine tubes | | | | | | 0509 | 0513 | - | - | 0546 |
|  <p>rotor Cat. No. 1418</p> |  |  |  |  |  |  |  |  |  |  |  |  |  |
| |  |  |  | | |  |  |  |  |  |  |  |  |
| Cat. No. | 1467 | 1467 | 1467 | | | 1467 | | | 1468 | 1467 | 1468 | | |
| boring ∅ x L in mm | 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 | | |
| tubes per rotor | 32 | 32 | 32 | | | 32 | | | 8 | 32 | 8 | | |
| max. RCF ²⁾ | 2,182 | 2,540 | 2,182 | | | 2,540 | 2,182 | 2,540 | 2,594 | 2,486 | 2,540 | 2,486 | |
| radius in mm | 122 | 142 | 122 | | | 142 | 122 | 142 | 145 | 139 | 142 | 139 | |
| run-up in sec | 36 | | | | | | | | | | | | |
| run-down in sec | ☐ 43 ☐ 200 | | | | | | | | | | | | |

ROTORS AND ACCESSORIES

















Angle rotor, 12-place











↗ 35°

n = 6,000 min⁻¹
max. RCF 4,146

Cat. No. 1613

| | | | | | | | | | | | | |
|---|--|--|---|---|---|--|---|---|--|---|---|---|
| capacity in ml | 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 |
| ∅ x L in mm | 10x88 | 12x75 | 12x82 | 17x100 | 8x66 | 13x65 | 11x66 | 11x92 | 13x90 | 15x92 | 16x92 | 15x102 |
| Cat. No. | - | 0553²⁾ | 0501²⁾ | 0518²⁾ | blood collection/urine tubes | | | | | | | |
|  rotor Cat. No. 1613 |  |  |  |  |  |  |  |  |  |  |  |  |
| |  |  | | | |  | | | | | | |
| Cat. No. | 6305 | 1054-A | - | | | 1054-A | | | | | | - |
| boring ∅ x L in mm | 11.5x67.5 | 13.5x60 | 17.7x88 | | | 13.5x60 | | | | | | 17.7x88 |
| tubes per rotor | 12 | | | | | | | | | | | |
| max. RCF ²⁾ | 3,502 | 3,300 | 4,146 | | | 3,300 | | | | | | 4,146 |
| radius in mm | 87 | 82 | 103 | | | 82 | | | | | | 103 |
| run-up in sec | 13 | | | | | | | | | | | |
| run-down in sec | ☐ 15 ☐ 104 | | | | | | | | | | | |

| | | | | | |
|---|---|---|---|---|---|
| capacity in ml | 1.6–5 | 4–7 | 8 | 8.5–10 | 15 |
| ∅ x L in mm | 13x75 | 13x100 | 16x125 | 16x100 | 17x120 |
| Cat. No. | blood collection/urine tubes | | | | 0509 |
|  rotor Cat. No. 1613 |  |  |  |  |  |
| |  |  | | | |
| Cat. No. | 1054-A | 1058 | - | | |
| boring ∅ x L in mm | 13.5x60 | 13.5x79 | 17.7x88 | | |
| tubes per rotor | 12 | 12 | 6 | 12 | 6 |
| max. RCF ²⁾ | 3,300 | 4,146 | | | |
| radius in mm | 82 | 103 | | | |
| run-up in sec | 13 | | | | |
| run-down in sec | ☐ 15 ☐ 104 | | | | |

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.

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

ROTORS AND ACCESSORIES













Angle rotor, 6-place










↗ 35°

n = 6,000 min⁻¹
max. RCF 4,226

Cat. No. 1620 A



| capacity in ml | 1.5 | 2.0 | 3 | 15 | 50 | 75 | 85 | 7.5–8.5 | 9–10 | 10 | 8.5–10 |
|---|---|---|---|---|---|---|---|---|---|--|---|
| Ø x L in mm | 11 x 38 | | 10 x 60 | 17 x 100 | 34 x 100 | 35 x 105 | 38 x 101 | 15 x 92 | 16 x 92 | 15 x 102 | 16 x 100 |
| Cat. No. | 2078 | 0536 | - | 0518²⁾ | 0521²⁾ | 0548 | 0549 | blood/urine tubes | | | |
|  rotor Cat. No. 1620 A |  |  |  |  |  |  |  |  |  |  |  |
| Cat. No. | 1449 | | | 1451 | 1463 | - | | 1451 | | | |
| boring Ø 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 | 6 | | 6 | 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 | ☐ 22 ○ 104 | | | | | | | | | | |

| capacity in ml | 15 | 50 | 10 | 30 | 50 | 85 | |
|---|---|---|---|---|---|---|-------------|
| Ø x L in mm | 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. 1620 A |  |  |  |  |  |  | |
| Cat. No. | 1466 | 1454 | 1646⁷⁾ | 1448 | 1447 | 1446 | - |
| boring Ø x L in mm | 17 x 106 | 29.8 x 97 | - | 16.5 x 74 | 26 x 85 | 29 x 92 | 38.6 x 90.2 |
| tubes per rotor | 6 | 3 | 6 | 12 | 6 | | |
| max. RCF ²⁾ | 3,985 | 3,985 | 3,985 | 3,904 | 3,824 | 4,025 | 4,226 |
| radius in mm | 99 | | | 97 | 95 | 100 | 105 |
| run-up in sec | 19 | | | | | | |
| run-down in sec | ☐ 22 ○ 104 | | | | | | |

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 | EN 55011 group 1, class B, EN 61000-3-2, EN 61000-3-3 | FCC class B |
| Immunity | EN 61000-6-2 | - |
|  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.



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 9001:2008 and ISO 13485:2003 certificates accredited to the company bear witness to the extreme care and responsibility Hettich puts into the manufacturing of centrifuges and their accessories.



Andreas Hettich GmbH & Co. KG

Föhrenstr. 12
D - 78532 Tuttlingen
Germany

www.hettichlab.com
info@hettichlab.com
service@hettichlab.com

Phone +49 (0)7461 / 705 -0
Fax +49 (0)7461 / 705 -122

National Sales: -200
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