



**Benchtop  
Centrifuges,  
non-refrigerated  
and refrigerated**

# ROTINA 35

The high-performance benchtop centrifuges ROTINA 35 and ROTINA 35 R impress by state-of-the-art technology, large capacity, extremely easy handling and exceptionally smooth and quiet running.

Accommodating a multitude of tubes used in today's laboratory routine the ROTINA 35 type of centrifuges enable a wide range of applications.

Developed for high efficiency ROTINA 35/35 R are mainly employed in diagnostics, cell culture, genetics research and microbiology.

## Top quality is Hettich standard

### Performance

#### Large capacity

e.g. 4 x 250 ml,  
48 x 15 ml,  
10 x 50 ml (Falcon® tubes).

#### Extremely short run-up and run-down times.

#### High RCF

up to 16,233 with standard tubes,  
24,400 with microlitre tubes.

#### Efficient cooling

controllable from -20 °C to +40 °C (ROTINA 35 R).

On option, the ROTINA 35 R is also available in a heating version with temperature control from -20 °C to +90 °C and a heating/cooling version with temperature control from -20 °C to +60 °C.

#### 3 complete running programmes can be stored and recalled.

### Technology

Smooth and quiet running

Extraordinary speed stability

Brushless maintenance-free induction drive

### Design

Ergonomically arranged controls and displays

Viewing port in the lid

A special lid locking device enables effortless closing and opening of the lid with one hand.

### Safety

Housing and lid of metal for stability

Housing finished in scratch and impact resistant powder coating

Centrifuging chamber and inner lid cover of stainless steel

Additionally steel-armoured centrifuging chamber

Easily exchangeable rotors

Automatic rotor recognition

Imbalance switch - off

Lid locking and holding during rotor run

Lid dropping protection

Emergency lid lock release



Hettich manufactures high quality centrifuges.

All stages from design to end product are continually subjected to strictest controls.

Evidence of conformity with national and international regulations such as IEC 1010-2.2 and EC standards is provided by corresponding certificates.

Of course, Hettich centrifuges are CE marked.

The ISO 9001 certificate accredited to the entire company proves the extreme care and responsibility Hettich puts into the manufacture of centrifuges and their accessories.

Therefore, Hettich centrifuges are known for safety and reliability all over the world.



**ROTINA 35 R**

benchtop centrifuge, refrigerated  
dimensions (H x W x D): 380 x 468 x 695 mm

Cat.-No. **1710**

**ROTINA 35**

benchtop centrifuge  
dimensions (H x W x D):  
380 x 468 x 540 mm

Cat.-No **1705**

The fully developed up-to-date N control panel meets the requirements of the users and is extremely easy to operate.

Entry of the parameters is fast, precise and convenient with selector keys on the water-protected foil keypad.

The large display is well readable. During centrifugation the actual values of the parameters are indicated.

The parameters remain in the memory even after the centrifuge has been switched off.

**Speed RPM:** Input in increments of 10.

**Relative centrifugal force RCF:** Input in increments of 10.

**Change-over RPM/RCF:** By entering the rotor radius r/mm the centrifuge calculates and indicates speed or RCF.

**Running time t:** Input in minutes and seconds, max. 99 min., 59 sec.

**Run-up/run-down times:** Input of acceleration and braking ramps in levels 1 – 9 or unbraked run-down.

**Temperature T:** With refrigerated models input in increments of 1 °C within a range of -20 °C to +40 °C.

**Memory:** 3 complete running programmes can be stored and recalled.

**Impulse key:** For short centrifuging operations. The rotor spins at the preselected speed or RCF as long as the key remains pressed.



# Accessories

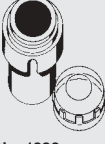
































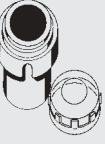



































90°

**Swing-out rotor, 4-place,  
n = 5,000 min<sup>-1</sup>, RCF 4,528**

Cat.-No **1724** without buckets

illustrated with buckets No.1430  
and hygienic lids No.1382

capacity ml	1.5/2.0	1	3	6	7	9	15	25	50	100	30	50	85	15	50
dimensions ØxLmm	11 x 38	6 x 45 Rhesus	10 x 60	12 x 82	12 x 100	14 x 100	17 x 100	24 x 100	34 x 100	44 x 100	26 x 95	29 x 107	38 x 106	17 x 120	29 x 115
<b>Cat.-No.</b>	<b>2078/0536</b>	-	-	<b>0501</b>	<b>0578</b>	<b>0500</b>	<b>0507</b>	<b>0519</b>	<b>0521</b>	<b>0526</b>	<b>0545</b>	<b>0546</b>	<b>0547</b>	<b>0509</b>	<b>0513</b>
 lid No. 1382 Cat.-No <b>1430</b>															
															
<b>Cat.-No.</b>	<b>1351</b>	<b>1339</b>	<b>1343</b>	<b>1383</b>	<b>1383</b>	<b>1329</b>	<b>1329</b>	<b>1330</b>	<b>1331</b>	<b>0761</b>	<b>4417</b>	<b>4416</b>	<b>1396</b>	<b>1347</b>	<b>1384</b>
tubes per rotor	20	108	36	20	20	16	16	4	4	4	4	4	4	4	4
RCF	4,193	4,416	4,444	4,388	4,388	4,332	4,332	4,165	4,137	4,360	4,193	4,472	4,444	4,528	4,528
radius in mm	150	158	159	157	157	155	155	149	148	156	150	160	159	162	162
run-up in sec	16														
run-down in sec	☐ 19 ☑ 232														
temperature °C <sup>1)</sup>	-10														

capacity ml	12	25	30	50	1.6 - 7	4 - 10	1.1 - 1.4	2.7 - 3	2.6 - 2.9	4 - 5.5	4.5 - 5	4.9	7.5 - 8.2	9 - 10	30	
dimensions ØxLmm	17 x 100	25 x 90	25 x 110	29 x 115	13 x 75/100	16 x 75/100	8 x 66	11 x 66	13 x 65	15 x 75	11 x 92	13 x 90	15 x 92	16 x 92	44 x 105	
<b>Cat.-No.</b>	-	-	-	-	<b>blood collection tubes</b>										<b>0534</b>	
 lid No. 1382 Cat.-No <b>1430</b>																
																
<b>Cat.-No.</b>	<b>6311</b>	<b>1363</b>	<b>1365</b>	<b>6318</b>	<b>1383</b>	<b>1348</b>	<b>1457</b>	<b>1383</b>	<b>1383</b>	<b>1459</b>	<b>1383</b>	<b>1383</b>	<b>1459</b>	<b>1329</b>	<b>0765</b>	
tubes per rotor	4	4	4	4	20	16	28	20	20	16	20	20	16	16	4	
RCF	4,528	4,025	4,528	4,528	4,388		4,388	4,388	4,388	4,388	4,388	4,388	4,388	4,388	4,332	4,332
radius in mm	162	144	162	162	157		157	157	157	157	157	157	157	155	155	
run-up in sec	16															
run-down in sec	☐ 19 ☑ 232															
temperature °C <sup>1)</sup>	-10															

\* A rubber stopper for closing the tube is available with Cat.No. 0535

☐ braked run-down at level 9  
☑ unbraked run-down

<sup>1)</sup> Lowest attainable temperature at  
max. speed in the refrigerated ROTINA 35 R.

Adapters for additional tubes on request.

Please take care not to exceed the tubes' max. permissible RCF. <sup>2)</sup> For glass tubes the max. RCF is 4,000.

adapter No.1441  
for blood collection tubes

adapter No.1736  
for 4x15 ml Falcon® tubes























































bucket No. 1425



Hettich rotors are designed for continuous duty and long service life.

Customers' requirements and demands on safety as well as easy handling have been considered.

The automatic rotor recognition system defines the max. speed of each rotor so that it cannot be stressed beyond its design limits.

capacity ml	1.5/2.0	1	3	6	7	9	15	25	50	100
dimensions ØxLmm	11 x 38	6 x 45 Rhesus	10 x 60	12 x 82	12 x 100	14 x 100	17 x 100	24 x 100	34 x 100	44 x 100
Cat.-No.	2078/0536	-	-	0501	0578	0500	0507	0519	0521	0526
 Cat.-No. <b>1425</b>										
										
Cat.-No.	1444	1432	1433	1434	1434	1431	1431	1435	1436	1437
tubes per rotor	36	144	56	48	48	28	28	8	4	4
RCF	4,220	4,304	4,248	4,248	4,248	4,248	4,248	4,248	4,248	4,248
radius in mm	151	154	152	152	152	152	152	152	152	152
run-up in sec	16									
run-down in sec	19  232 									
temperature °C <sup>1)</sup>	-9									

capacity ml	15	50	50	1.6 - 7	4 - 10	1.1 - 1,4	2.7 - 3	2.6 - 2.9	4 - 5.5	4.5 - 5	4.9	7.5 - 8.2	9 - 10
dimensions ØxLmm	17 x 120	29 x 115	29 x 115	13 x 75/100	16 x 75/100	8 x 66	11 x 66	13 x 65	15 x 75	11 x 92	13 x 90	15 x 92	16 x 92
Cat.-No.	0509	0513	-	blood collection tubes									
 Cat.-No. <b>1425</b>													
													
Cat.-No.	1736	1443	1737	1438	1441	1458	1438	1438	1461	1438	1438	1461	1439
tubes per rotor	16	4	4	28	28	36	28	28	16	28	28	16	16
RCF	4,416	4,416	4,416	4,248	4,248	4,360	4,248	4,248	4,360	4,248	4,248	4,360	4,248
radius in mm	158	158	158	152	152	156	152	152	156	152	152	156	152
run-up in sec	16												
run-down in sec	19  232 												
temperature °C <sup>1)</sup>	-9												

 braked run-down at level 9  
 unbraked run-down

<sup>1)</sup> Lowest attainable temperature at max. speed in the refrigerated ROTINA 35 R.

Adapters for additional tubes on request.

Please take care not to exceed the tubes' max. permissible RCF. <sup>2)</sup> For glass tubes the max. RCF is 4,000.

# Accessories






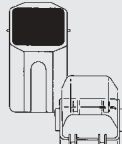






















∠90°

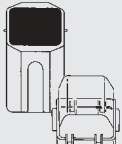


























## Swing-out rotor, 4-place, n = 5,000 min<sup>-1</sup>, RCF 4,528



Cat.-No. **1724** without suspensions

illustrated with suspensions No. 1427 and hygienic lids No. 1421

capacity ml	5/6
dimensions ØxLmm	12x75/82
<b>Cat.-No.</b>	<b>- / 0501</b>
	2)
<b>Cat.-No. 1429</b>	
<b>Cat.-No.</b>	
tubes per rotor	76
RCF	4,081
radius in mm	146
run-up in sec	16
run-down  / 	19 / 232
temperature °C <sup>1)</sup>	- 10

capacity ml	1.5/2.0	1.5/2.0	1	3	6	7	9	15	25	50
dimensions ØxLmm	11 x 38	11 x 38	6 x 45 Rhesus	10 x 60	12 x 82	12 x 100	14 x 100	17 x 100	24 x 100	34 x 100
<b>Cat.-No.</b>	<b>2078/0536</b>	<b>2078/0536</b>	-	-	<b>0501</b>	<b>0578</b>	<b>0500</b>	<b>0507</b>	<b>0519</b>	<b>0521</b>
										
<b>lid No. 1421</b> <b>Cat.-No. 1427</b>										
<b>Cat.-No.</b>	<b>5277</b>	<b>5273</b>	<b>1357</b>	<b>1327</b>	<b>5229</b>	<b>5230</b>	<b>5237</b>	<b>5231</b>	<b>5232</b>	<b>5233</b>
tubes per rotor	36	48	120	48	48	48	24	24	8	4
RCF	4,388	4,332	4,388	4,360	4,360	4,276	4,276	4,276	4,276	4,276
radius in mm	157	155	157	156	156	153	153	153	153	153
run-up in sec	16									
run-down in sec	 19  232									
temperature °C <sup>1)</sup>	- 7									

capacity ml	15	50	50	1.6 - 5	4 - 7	4 - 7	8.5 - 10	1.1 - 1.4	2.7 - 3	2.6 - 2.9	4 - 5.5	4.5 - 5	4.9	7.5 - 8.2	9 - 10
dimensions ØxLmm	17 x 120	29 x 115	29 x 115	13 x 75	13 x 100	16 x 75	16 x 100	8 x 66	11 x 66	13 x 65	15 x 75	11 x 92	13 x 90	15 x 92	16 x 92
<b>Cat.-No.</b>	<b>0509</b>	<b>0513</b>	-	<b>blood collection tubes</b>											
															
<b>lid No. 1421</b> <b>Cat.-No. 1427</b>															
<b>Cat.-No.</b>	<b>1733</b>	<b>5276</b>	<b>5233</b>	<b>1732</b>	<b>1732</b>	<b>5271</b>	<b>5231</b>	<b>5278</b>	<b>5229</b>	<b>1732</b>	<b>5279</b>	<b>5230</b>	<b>1732</b>	<b>5279</b>	<b>5271</b>
tubes per rotor	12	4	4	32	32	20	24	48	48	32	20	48	32	20	20
RCF	4,472	4,360	4,304	4,360	4,360	4,304	4,276	4,416	4,360	4,360	4,416	4,276	4,360	4,416	4,304
radius in mm	160	156	154	156	156	154	153	158	156	156	158	153	156	158	154
run-up in sec	16														
run-down in sec	 19  232														
temperature °C <sup>1)</sup>	- 7														

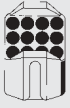















 braked run-down at level 9  
 unbraked run-down

<sup>1)</sup> Lowest attainable temperature at max. speed in the refrig. ROTINA 35 R.

<sup>3)</sup> When using these tubes bucket No. 1427 cannot be closed with lid No. 1421.

Adapters for additional tubes on request.

Please take care not to exceed the tubes' max. permissible RCF. <sup>2)</sup> For glass tubes the max. RCF is 4,000.

capacity ml	9	15	1.6-5	4-7	4-7	8.5-10	2.6-2.9	4-5.5	4.9	7.5-8.2	9-10	15
dimensions ØxLmm	14 x 100	17 x 100	13 x 75	13 x 100	16 x 75	16 x 100	13 x 65	15 x 75	13 x 90	15 x 92	16 x 92	17 x 120
<b>Cat.-No.</b>	<b>0500</b>	<b>0507</b>	<b>blood collection tubes</b>									<b>0509</b>
 Cat.-No. <b>1734</b>												
												
<b>Cat.-No.</b>	-											-
tubes per rotor	48											24
RCF	4,388											4,388
radius in mm	157											157
run-up in sec	16											
run-down in sec	 19  232											
temperature °C <sup>1)</sup>	-10											




























# May only be loaded according to pattern





∠90°

**Swing-out rotor, 4-place,  
n = 4,000 min<sup>-1</sup>, RCF 2,808**

Cat.-No. **1794** without suspensions  
illustrated with suspensions No. 1790

capacity ml	6	7	15	25	50	100	100	15	50	25	250	250
dimensions ØxLmm	12 x 82	12 x 100	17 x 100	24 x 100	34 x 100	44 x 100	40 x 115	17 x 120	29 x 115	25 x 90	65 x 115	62 x 122
<b>Cat.-No.</b>	<b>0501</b>	<b>0578</b>	<b>0507</b>	<b>0519</b>	<b>0521</b>	<b>0526</b>	<b>0523</b>	<b>0509</b>	<b>0513</b>	-	<b>0530</b>	<b>5127</b>
 Cat.-No. <b>1790</b>												
												
<b>Cat.-No.</b>	<b>5128</b>	<b>5120</b>	<b>5121</b>	<b>5122</b>	<b>5124</b>	<b>5125</b>	<b>5126</b>	<b>5133</b>	<b>1793</b>	<b>5134</b>	<b>1791</b>	<b>6319</b>
tubes per rotor	48	48	28	16	4	4	4	16	8	12	4	
RCF	2,719	2,719	2,719	2,647	2,683	2,665	2,665	2,808	2,808	2,520	2,808	
radius in mm	152	152	152	148	150	149	149	157	157	142	157	
run-up in sec	16											
run-down in sec	 20  246											
temperature °C <sup>1)</sup>	-8											

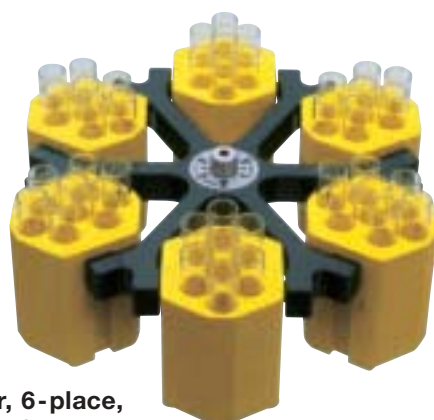
 braked run-down at level 9  
 unbraked run-down

<sup>1)</sup> Lowest attainable temperature at max. speed  
in the refrigerated ROTINA 35 R.

Adapters for additional tubes on request.

Please take care not to exceed the tubes' max. permissible RCF. <sup>2)</sup> For glass tubes the max. RCF is 4,000.


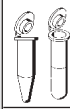







# Accessories

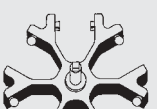






















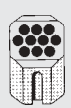








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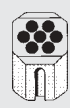














**Swing-out rotor, 6-place,  
n = 4,000 min<sup>-1</sup>, RCF 2,808**

Cat.-No. **1726** without suspensions  
illustrated with suspensions No. 1742

capacity ml	1.5/2.0	1	3	4
dimensions ØxLmm	11 x 38	6 x 45 Rhesus	10 x 60	12 x 60
<b>Cat.-No.</b>	<b>2078/0536</b>	-	-	-
 Cat.-No. <b>1366</b>				
				
<b>Cat.-No.</b>	<b>5277</b>	<b>1357</b>	<b>1327</b>	<b>1326</b>
tubes per rotor	54	180	72	72
RCF	2,308	2,308	2,290	2,290
radius in mm	129	129	128	128
run-up in sec	16			
run-down in sec	☐20 ☐210			
temperature °C <sup>1)</sup>	- 10			

capacity ml	5	5	7	9	15	20	25	45	50	50
dimensions ØxLmm	12 x 75	12 x 75	12 x 100	14 x 100	17 x 100	21 x 100	24 x 100	31 x 100	34 x 100	34 x 100
<b>Cat.-No.</b>	-	-	<b>0578</b>	<b>0500</b>	<b>0507</b>	-	<b>0519</b>	-	<b>0521</b>	<b>0521</b>
 Cat.-No. <b>1726</b>										
										
<b>Cat.-No.</b>	<b>1369-91</b>	<b>1372</b>	<b>1369-92</b>	<b>1370</b>	<b>1369</b>	<b>1346</b>	<b>1745</b>	<b>1345</b>	<b>1746</b>	<b>1308</b>
tubes per rotor	24	102	24	30	24	12	12	6	6	6
RCF	2,701	2,522	2,701	2,701	2,701	2,719	2,808	2,719	2,808	2,683
radius in mm	151	141	151	151	151	152	157	152	157	150
run-up in sec	16									
run-down in sec	☐20 ☐210									
temperature °C <sup>1)</sup>	-10	-10	-10	-13	-10	-13	-9	-13	-9	-9

capacity ml	9	1.1 - 1.4	4.5 - 5	4.9
dimensions ØxLmm	14 x 100	8 x 66	11 x 92	13 x 90
<b>Cat.-No.</b>	<b>0500</b>	<b>blood collection tubes</b>		
 Cat.-No. <b>1741</b>				
				
<b>Cat.-No.</b>	<b>0701</b>	<b>0701</b>	-	-
tubes per rotor	60		36	60
RCF	2,773		2,808	
radius in mm	155		157	
run-up in sec	16			
run-down in sec	☐20 ☐210			
temperature °C <sup>1)</sup>	- 9			

capacity ml	15	15	4 - 5.5	9 - 10	1.6 - 5	4 - 7	8.5 - 10
dimensions ØxLmm	17 x 100	17 x 120	15 x 75	16 x 92	13 x 75	16 x 75	16 x 100
<b>Cat.-No.</b>	<b>0507</b>	<b>0509</b>	<b>blood collection tubes</b>				
 Cat.-No. <b>1742</b>							
							
<b>Cat.-No.</b>	-	-	<b>1744</b>	-	<b>0716</b>	<b>0716</b>	-
tubes per rotor	42	18	42	42	42	42	42
RCF	2,808	2,808	2,576	2,808	2,808	2,808	2,808
radius in mm	157	157	144	157	157	157	157
run-up in sec	16						
run-down in sec	☐20 ☐210						
temperature °C <sup>1)</sup>	- 9						

☐ braked run-down at level 9  
☐ unbraked run-down

<sup>1)</sup> Lowest attainable temperature at max. speed in the refig. ROTINA 35 R.

# May only be loaded according to pattern

Adapters for additional tubes on request.

Please take care not to exceed the tubes' max. permissible RCF. <sup>2)</sup> For glass tubes the max. RCF is 4,000.



∠45°

Angle rotor, 6-place

**ROTINA 35 R: n = 11,000 min<sup>-1</sup>, RCF 16,233**

**ROTINA 35: n = 10,000 min<sup>-1</sup>, RCF 13,416**

Cat.-No. **1720**





















∠45°






















Angle rotor, 6-place, with lid

**ROTINA 35 R: n = 11,000 min<sup>-1</sup>, RCF 16,504**

**ROTINA 35: n = 10,000 min<sup>-1</sup>, RCF 13,640**

Cat.-No. **1792**

capacity ml	1.5/2.0	10	15	30	50	85	9 - 10	15	50
dimensions Ø x L mm	11 x 38	16 x 80	17 x 100	26 x 95	29 x 107	38 x 106	16,5 x 92	17 x 120	29 x 115
Cat.-No.	2078/0536	-	0507	0545	0546	0547	blood collection tube	0509	0513
 Cat.-No. <b>1720</b>									
									
Cat.-No.	1449	1448	1451	1447	1446	-	1451	1466	1454
tubes per rotor	24	12	6	6	6	6	6	6	6
RCF ROTINA 35 R	15,557	15,286	15,286	14,881	15,557	16,233	15,286	15,557	15,828
RCF ROTINA 35	12,857	12,633	12,633	12,298	12,857	13,416	12,633	12,857	13,081
radius in mm	115	113	113	110	115	120	113	115	117
run-up in sec	58 / 56								
run-down in sec	<input checked="" type="checkbox"/> 58 <input checked="" type="checkbox"/> 960 <input type="checkbox"/> 57 <input type="checkbox"/> 780								
temperature °C <sup>1)</sup>	- 1								

capacity ml	1.5/2.0	10	15	25	30	50	85	94	7,5	15	50
dimensions Ø x L mm	11 x 38	16 x 80	17 x 100	24 x 100	26 x 95	29 x 107	38 x 106	38 x 106	16,5 x 92	17 x 120	29 x 115
Cat.-No.	2078/0536	-	0507	0519	0545	0546	0547	0538	blood collection tube	0509	0513
 Cat.-No. <b>1792</b>											
											
Cat.-No.	1449	1448	1451	1447	1447	1446	-	-	1451	1466	1454
tubes per rotor	24	12	6	6	6	6	6	6	6	6	6
RCF ROTINA 35 R	15,828	15,557	15,557	15,151	15,151	15,828	16,504	16,504	15,557	15,828	16,098
RCF ROTINA 35	13,081	12,857	12,857	12,522	12,522	13,081	13,640	13,640	12,857	13,081	13,304
radius in mm	117	115	115	112	112	117	122	122	115	117	119
run-up in sec	58 / 56	56 / 53									
run-down in sec	<input checked="" type="checkbox"/> 56 <input checked="" type="checkbox"/> 1040 <input type="checkbox"/> 53 <input type="checkbox"/> 930										
temperature °C <sup>1)</sup>	+ 1										

braked run-down at level 9  
 unbraked run-down

<sup>1)</sup> Lowest attainable temperature at max. speed in the refrigerated ROTINA 35 R.

\*A screw cap for tube No. 0538 is available with Cat. No. 0539.

Adapters for additional tubes on request.

Please take care not to exceed the tubes' max. permissible RCF. <sup>2)</sup> For glass tubes the max. RCF is 4,000.

# Accessories



<45°

**Angle rotor, 30-place, with lid**  
n = 15,000 min<sup>-1</sup>, RCF 24,400

Cat.-No. **1789**

aerosol-tight<sup>2)</sup>



**Drum rotor, 6-place, with lid**

**ROTINA 35 R: n = 14,000 min<sup>-1</sup>, RCF 16,435**

**ROTINA 35: n = 12,000 min<sup>-1</sup>, RCF 12,075**

Cat.-No. **1711** without frames










illustrated with frames No. 1377

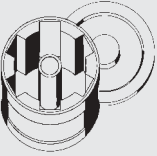












<45°





**Swing-out rotor, 10-place,**  
n = 5,000 min<sup>-1</sup>, RCF 4,556

Cat.-No. **1717** with suspensions

capacity ml	0.4	0.5	0.8	1.5	2.0
dimensions ØxLmm	6 x 45	8 x 30	8 x 45	11 x 38	11 x 38
<b>Cat.-No.</b>	-	-	-	<b>2078</b>	<b>0536</b>
 Cat.-No. <b>1789</b>					
				For centrifugation at high speeds we recommend to use adapter No. 2031	
<b>Cat.-No.</b>	<b>2024</b>	<b>2023</b>	<b>2023</b>	-	-
tubes per rotor	30				
RCF	24,400				
radius in mm	97				
run-up in sec	15				
run-down in sec	☐ 15 ☐ 241				
temperature °C <sup>1)</sup>	0				

capacity ml	0.4	0.5	0.8	1.5	2.0
dimensions ØxLmm	6 x 45	8 x 30	8 x 45	11 x 38	11 x 38
<b>Cat.-No.</b>	-	-	-	<b>2078</b>	<b>0536</b>
 Cat.-No. <b>1711</b>					
					
<b>Cat.-No.</b>	<b>1378</b>	<b>1379</b>	<b>1379</b>	<b>1377</b>	<b>1377</b>
tubes per rotor	192	126	126	60	60
RCF ROTINA 35 R	16,435				
RCF ROTINA 35	12,075				
radius in mm	75				
run-up in sec	25 / 16				
run-down in sec	☐ 28 ☐ 402 ☐ 18 ☐ 355				
temperature °C <sup>1)</sup>	- 2				

Adapters for additional tubes on request.

capacity ml	15	50
dimensions Ø x L mm	17 x 120	29 x 115
<b>Cat.-No.</b>	<b>0509</b>	<b>0513</b>
 Cat.-No. <b>1717</b>		
		
<b>Cat.-No.</b>	<b>1462</b>	-
tubes per rotor	10	
RCF	4,556	
radius in mm	163	
run-up in sec	15	
run-down in sec	☐ 19 ☐ 206	
temperature °C <sup>1)</sup>	- 6	

**Cyto rotor, 8-place**

Cat.-No. **1748** without suspensions

illustrated with suspensions No.1680  
More information is available in a detailed cyto brochure. Please ask for it!

☐ braked run-down at level 9  
☐ unbraked run-down

<sup>1)</sup> Lowest attainable temperature at max. speed in the refrigerated ROTINA 35 R.

<sup>2)</sup> In compliance with DIN EN 61010, part 2-020.

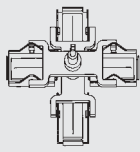




Please take care not to exceed the tubes' max. permissible RCF. For glass tubes the max. RCF is 4,000.



∠90°

### Swing-out rotor, 4-place, n = 4,000 min<sup>-1</sup>, RCF 2,147

Cat.-No. **1725** without suspensions  
illustrated with suspensions No. 4345

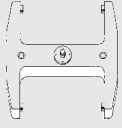






	Microtitre Plate
	
	
Cat.-No. <b>1725</b>	
<b>Cat.-No.</b>	<b>4345</b>
plates per rotor	4
RCF	2,147
radius in mm	120
run-up in sec	16
run-down in sec	 18  182
temperature °C <sup>1)</sup>	- 16





∠90°

### Swing-out rotor, 2-place, n = 4,000 min<sup>-1</sup>, RCF 1,968

Cat.-No. **1713** without suspensions  
illustrated with suspensions No.1735

	Microtitre Plate	Culture Plate	Deep Well Plate
			
			
Cat.-No. <b>1713</b>			
<b>Cat.-No.</b>	<b>1735</b>		
plates per rotor	8	4	2
RCF	1,968		
radius in mm	110		
run-up in sec	17		
run-down in sec	 31  430		
temperature °C <sup>1)</sup>	- 15		

 braked run-down at level 9  
 unbraked run-down

<sup>1)</sup> Lowest attainable temperature at max. speed in the refrigerated ROTINA 35 R.

Adapters for additional tubes on request.

### Save space on the laboratory bench and gain more flexibility ...with trolleys and rolling cabinets for Hettich centrifuges

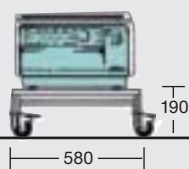
All models are of sturdy design and feature large castors and two locks.

Any vibrations of the centrifuge are safely compensated.

low and narrow

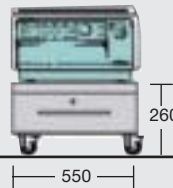
depth 580 mm

Cat.-No. **4308**



low and narrow, with one drawer  
depth 650 mm

Cat.-No. **4612**



high and narrow, with two drawers  
depth 650 mm

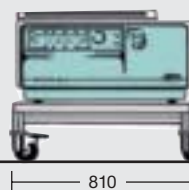
Cat.-No. **4613**



low and wide

depth 580 mm

Cat.-No. **4318**



low and wide, with one drawer  
depth 650 mm

Cat.-No. **4614**



high and wide, with two drawers  
depth 650 mm

Cat.-No. **4615**



Please take care not to exceed the tubes' max. permissible RCF. For glass tubes the max. RCF is 4,000.

# Technical Details



## ROTINA 35

Benchtop centrifuge, without rotor

Cat.-No. 1705

Cat.-No. 1705-01

## ROTINA 35 R

Benchtop centrifuge, refrigerated, without rotor

Cat.-No. 1710

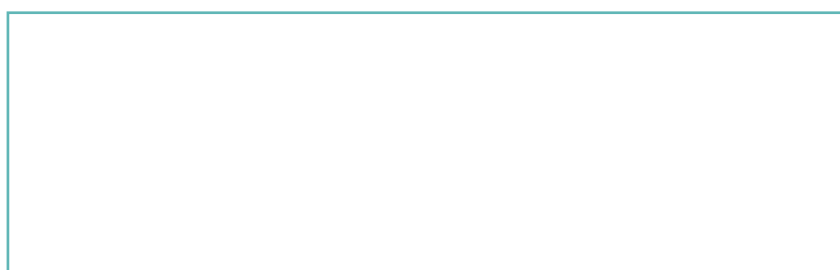
Cat.-No. 1710-01

* Power supply:	220-240 V 1~	110-127 V 1~	208-240 V 1~	110-127 V 1~
Frequency:	50-60 Hz	50-60 Hz	50 Hz	60 Hz
Consumption:	880 VA	760 VA	1300 VA	1500 VA
Radio interference:	EN 55011 ISM Kl. B	FCC class A	EN 55011 ISM class B	FCC class A
Immunity:	EN 50082-1	-	EN 50082-1	-
Capacity:	4 x 250 ml, swing-out rotor			
Speed/RCF:	n = 15,000 min <sup>-1</sup> / RCF 24,400			
Centrifuging chamber temperature:	controllable from -20°C to +40°C			
Running time:	1-99 min, ∞ (continuous run), impulse key (short cycle mode)			
Dimensions (H x W x D):	380 x 468 x 540 mm		380 x 468 x 695 mm	
Weight:	approx. 43 kg		approx. 70 kg	

\* other voltages on request

### Design

Housing and lid of metal for safety. Panelling finished in a scratch and impact resistant coating. Centrifuging chamber and inner lid of stainless steel. Lid locking, lid holding, and imbalance switch-off are standard.



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