

FLOORSTANDING CENTRIFUGES

ROTO SILENTA 630 RS

YOUR FIRST CHOICE UP TO 12 LITERS

The ROTO SILENTA 630 RS is highly rated in the rapid and efficient centrifugation of blood bags. It is able to spin up to 12 liters of sample or 12 blood bags per run. Four and six-place rotor options are also available to offer the best possible fit.

In industrial or R&D settings the ROTO SILENTA accommodates six vessels up to 2,000 ml each.

This unit includes refrigeration with a temperature range from -20°C to +40°C.

**HIGHLIGHTS**

- RPM: 50 - 6,000 min⁻¹
Adjustable in increments of 10
- RCF: 50 - 6,520
Adjustable in increments of 1
- max. Capacity: 6 x 2,000 ml
- the first choice in blood banking centrifuges
- Choice of 3 rotors
- Registered Medical Device
- easy operation with keypad and control knob
- 89 program memories for more individuality
- 9 acceleration + 19 deceleration stages
- coolable from -20 bis +40 °C with
pre-cooling function
- data reporting system (optional)

FEATURES

- metal housing and lid
- large viewing port in the lid
- powered lid lock
- lid dropping protection
- emergency lid lock release
- stainless steel chamber
- automatic rotor recognition ✓
- brushless drive
- error display
- display in °C and °F possible
- imbalance detection and switch-off

TECHNICAL DATA

ROTO SILENTA 630 RS ^{>)} refrigerated

voltage ^{*)}	400 V 3 ~ + N
frequency	50 – 60 Hz
consumption	9,700 VA
emission, immunity	EN/IEC 61326-1, class B
max. capacity	6 x 2,000 ml
max. RPM	6,000 min ⁻¹
max. RCF	6,520
running time	1 – 999 min: 59 s, ∞ continuous run
dimensions (WxDxH)	813 x 1,015 x 973 mm
weight	approx. 355 kg
temperature control, infinitely variable	from -20 to +40 °C
Cat. No.	5005

208 – 220 V +6 / -10 % 3- (+N) + PE,
with internal transformer

consumption	9,000 VA
weight	approx. 401 kg

^{*)} Other voltages on request.

^{>)} Other models on request.

AVAILABLE ROTORS

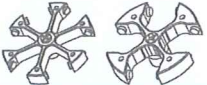
SWING-OUT ROTORS

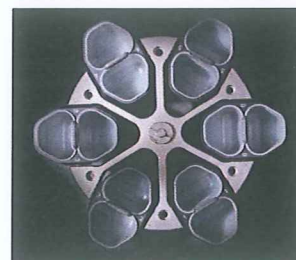
		angle	max. RPM	max. capacity	Cat. No.	page
	swing-out rotor, 6-place	90°	4,500 min ⁻¹	6 x 2,000 ml	4176	3
	swing-out rotor, 4-place	90°	4,500 min ⁻¹	4 x 2,000 ml	4174	3

ANGLE ROTORS

	angle rotor, 6-place	25°	6,000 min ⁻¹	6 x 250 ml	4570	10
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— SWING-OUT ROTOR, 6- / 4-PLACE | 4176 / 4174

			
Rotor		Bucket	
max. RPM	4,500 min ⁻¹	Cat. No.	4524-A
max. RCF	6,498 / 5,683		
max. capacity	12 / 8 blood bag		
run-up run-down, braked in sec	125 197		
angle temperature in °C ¹⁾	90° +16 / +10		
Cat. No.	4176 / 4174		

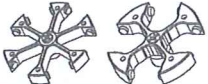


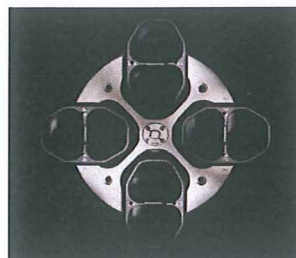
Blood bag				
	capacity in ml	500	500	500
	blood bag per system	4-place	4-place	4-place
	max. RCF ²⁾	6,498 / 5,683	6,498 / 5,683	6,498 / 5,683
	radius in mm	287 / 251	287 / 251	287 / 251
Cat. No.	-	-	-	-

Insert				
	boring Ø x L in mm	-	-	-
	blood bag systems per rotor	12 / 8	12 / 8	12 / 8
	Cat. No.	4529 ²⁾ -AO,-AM,-AU	4525-A	4592-B

+ Additional blood bank accessories can be found on page 10

— SWING-OUT ROTOR, 6- / 4-PLACE | 4176 / 4174

			
Rotor		Bucket	
max. RPM	4,500 min ⁻¹	Cat. No.	4546-A
max. RCF	6,271 / 5,479		
max. capacity	12 / 8 blood bag		
run-up run-down, braked in sec	125 197		
angle temperature in °C ¹⁾	90° +10 / 0		
Cat. No.	4176 / 4174		



Blood bag	
	capacity in ml
	450
	blood bag per system
	4-place
max. RCF	6,271 / 5,479
radius in mm	277 / 242
Cat. No.	-

Insert	
	boring Ø x L in mm
	-
	blood bag systems per rotor
	12 / 8
Cat. No.	4559-A

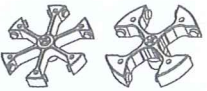
+ Additional blood bank accessories can be found on page 10

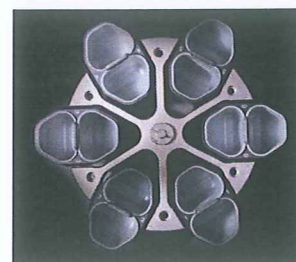
1) For cooled versions: Lowest temperature achievable with precooling and max. speed.

31) Adapter for accommodating sample tubes and blood collection tubes in carrier 4595-C on request.

35) Depending on the sample.

SWING-OUT ROTOR, 6- / 4-PLACE | 4176 / 4174

			
Rotor		Bucket	
max. RPM	4,500 min ⁻¹	Cat. No.	4591-A
max. RCF Rotor 4176 / 4174	6,498 / 5,705		
max. capacity	12 / 8 blood bag		
run-up run-down, braked in sec	125 197		
angle temperature in °C ¹⁾	90° +16 / +10		
Cat. No.	4176 / 4174		

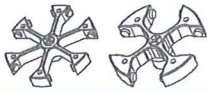


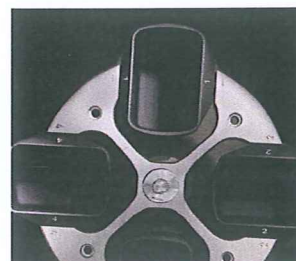
					
Blood bags					
capacity in ml	450	500	750		
blood bag per system	3-place	4-place	1-place		
max. RCF Rotor 4176 / 4174	6,498 / 5,705	6,498 / 5,705	6,498 / 5,705		
radius in mm	287 / 252	287 / 252	287 / 252		
Cat. No.	-	-	-		

					
Insert					
boring Ø x L in mm	-	-	-		
blood bag systems per rotor	12 / 8	12 / 8	12 / 8		
Cat. No.	4598-A	4592-B	4592-B		

+ Additional blood bank accessories can be found on page 10

SWING-OUT ROTOR, 6- / 4-PLACE | 4176 / 4174

			
Rotor		Bucket	
max. RPM	3,500 min ⁻¹	Cat. No.	4595-C ³¹⁾
max. RCF Rotor 4176 / 4174	3,848 / 3,328		
max. capacity	6 x 2,000 ml		
angle temperature in °C ¹⁾	90° +16 / -12		
Cat. No.	4176 / 4174		

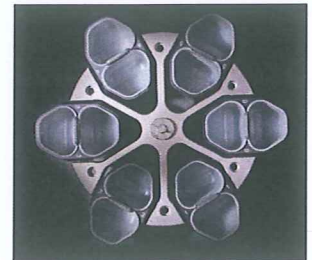


	
Vessels	
capacity in ml	max. 1,600 ³⁵⁾ 2,000
W x D x H in mm	- 150 x 100 x 180
max. RCF Rotor 4176 / 4174	3,821 / 3,328 3,848 / -
radius in mm	279 / 243 281 / -
run-up, in sec	95 / 131 29 / -
run-down, braked in sec	197 / 197 41 / -
Cat. No.	- 0550 ²⁴⁾

	
Insert	
W x D x H in mm	145 x 91 x 146 -
vessels per rotor	6 / 4 6 / -
Cat. No.	4596-A -

1) For cooled versions: Lowest temperature achievable with precooling and max. speed.

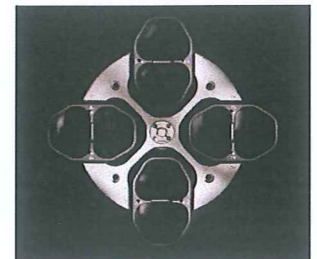
Rotor	Bucket
max. RPM	4,500 min ⁻¹
max. RCF Rotor 4176 / 4174	6,520 / 5,705
max. capacity	6 / 4 blood bag
run-up run-down, braked in sec	125 197
angle temperature in °C ¹⁾	90° +9 / +3
Cat. No.	4176 / 4174



			
Insert			
boring Ø x L in mm	-	-	-
blood bag systems per rotor	6 / 4	6 / 4	6 / 4
Cat. No.	4516-A	4516-A	-

+ Additional blood bank accessories can be found on [page 10](#)

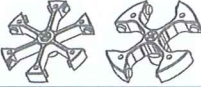
Rotor		+		Bucket	
max. RPM	4,500 min ⁻¹			lid	5621
max. RCF	Rotor 4176 / 4174 6,316 / 5,524			Cat. No.	4547-B
max. capacity	6 / 4 blood bag				
run-up run-down, braked in sec	125 197				
angle temperature in °C ¹⁾	90° +9 / -9				
Cat. No.	4176 / 4174				



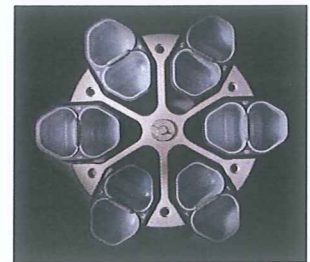
		
Insert		
boring Ø x L in mm	-	-
blood bag systems per rotor	6 / 4	6 / 4
Cat. No.	4548	4548

+ Additional blood bank accessories can be found on [page 10](#)

SWING-OUT ROTOR, 6- / 4-PLACE | 4176 / 4174

	
Rotor	
max. RPM	4,500 min ⁻¹
max. RCF	Rotor 4176 / 4174 6,294 / 5,501
max. capacity	6/4 x 1,000 ml
run-up run-down, braked in sec	125 197
angle temperature in °C ¹⁾	90° +4 / -11
Cat. No.	4176 / 4174

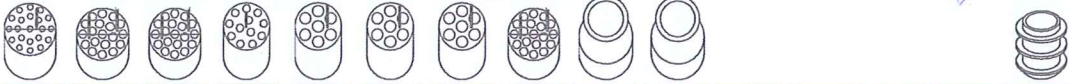
	
Bucket	
adaptor	4255
Cat. No.	4579-A

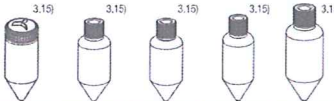


	
Vessels	
capacity in ml	5 7 9 15 25 50 100 2.6-3.4 2.7-3 4-5.5 4.5-5 4.9 9-10 10 1.6-5
Ø x L in mm	12x75 12x100 14x100 17x100 24x100 34x100 44x100 13x65 11x66 15x75 11x92 13x90 16x92 15x102 13x75
max. RCF ²⁾	Rotor 4176 / 4174 5,750 / 4,935 5,750 / 4,935 5,886 / 5,094 5,886 / 5,094 5,615 / 4,845 5,705 / 4,890 5,683 / 4,667 5,750 / 4,935 5,750 / 4,935 5,886 / 5,094 5,750 / 4,935 5,750 / 4,935 5,886 / 5,094 5,886 / 5,094 5,750 / 4,935
radius in mm	254 / 218 254 / 218 260 / 225 260 / 225 248 / 215 252 / 216 251 / 215 254 / 218 254 / 218 260 / 225 254 / 218 254 / 218 260 / 225 260 / 225 260 / 225 254 / 218
Cat. No.	tubes ²⁾ blood collection / urine tubes

	
Adapter	
boring Ø x L in mm	13 x 58 13 x 58 17.5 x 53 17.5 x 53 26 x 72 36 x 79 45 x 78 13.5 x 58 13 x 58 17.5 x 53 13 x 58 13.5 x 58 17.5 x 53 17.5 x 53 17.5 x 53
vessels per rotor	180 / 120 180 / 120 114 / 76 114 / 76 42 / 28 24 / 16 12 / 8 126 / 84 180 / 120 114 / 76 180 / 120 126 / 84 114 / 76 114 / 76 126 / 84
Cat. No.	4433 4433 4434 4434 4438 4439 4442 4435 4433 4434 4433 4435 4434 4434 4435

	
Vessels	
capacity in ml	4-7 4-7 8.5-10 15 50 25 30 10 250 290 650 750 1,000 1,000 175
Ø x L in mm	13x100 16x75 16x100 17x120 29x115 25x90 25x110 16x80 61x122 62x137 97x139 97x152 96x176 98x138 61x118
max. RCF ²⁾	Rotor 4176 / 4174 5,750 / 4,935 5,886 / 5,094 5,886 / 5,094 6,022 / 5,207 5,999 / 5,207 5,818 / 5,026 5,818 / 5,026 5,886 / 5,094 6,113 / 5,320 6,113 / 5,320 6,294 / 5,501 6,294 / 5,501 6,294 / 5,501 6,294 / 5,501 6,294 / 5,501
radius in mm	254 / 218 260 / 225 260 / 225 266 / 230 265 / 230 257 / 222 257 / 222 260 / 225 270 / 235 270 / 235 278 / 243 278 / 243 278 / 243 278 / 243 278 / 243
Cat. No.	blood collection / urine tubes tubes with screw cap 5127 ²⁴⁾ - ²⁴⁾ 0554 ²⁴⁾ 0512 ²⁴⁾ 4239 ²⁴⁾ 4255 Falcon

	
Adapter	
boring Ø x L in mm	13.5 x 58 17.5 x 53 17.5 x 53 17 x 88 30 x 87 26 x 72 26 x 72 16 x 80 62 x 92 62 x 92 98 x 138 98 x 138 98 x 138 - 61x118
vessels per rotor	126 / 84 114 / 76 114 / 76 72 / 48 30 / 20 42 / 28 42 / 28 114 / 76 6 / 4 6 / 4 6 / 4 6 / 4 6 / 4 6 / 4 6 / 4
Cat. No.	4435 4434 4434 4437 4441 4438 4438 4434 4443 4443 - - - - 4440

	
Vessels	
capacity in ml	175 200 225 250 500
Ø x L in mm	61 x 144 60 x 130 61 x 135 60 x 162 96 x 147
max. RCF ²⁾	Rotor 4176 / 4174 6,294 / 5,501 6,294 / 5,501 6,294 / 5,501 6,294 / 5,501 6,294 / 5,501
radius in mm	278 / 243 278 / 243 278 / 243 278 / 243 278 / 243
Cat. No.	Nalgene [®] Nunc [®] Falcon [®] Corning [®] Corning [®]

	
Adapter	
boring Ø x L in mm	- - - - -
vessels per rotor	6 / 4 6 / 4 6 / 4 6 / 4 6 / 4
Cat. No.	4430 4430 4440 4430 4449

1) For cooled versions: Lowest temperature achievable with precooling and max. speed.

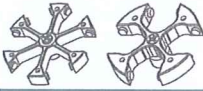
2) Please note that the RCF values indicated refer only to rotor performance. The max. permissible RCF of tubes used should be verified with the individual manufacturers.

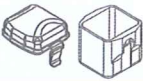
The max. RCF for glass tubes annotated with footnote 2) is 4,000.

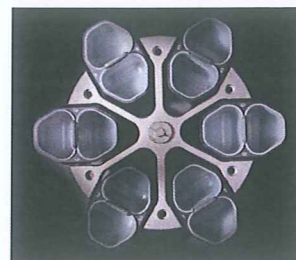
3.15) When using these tubes, carrier 4255 cannot be closed with its lid.

24) At temperatures of over +40 °C and / or when not filled to capacity, bottles may warp during centrifugation.

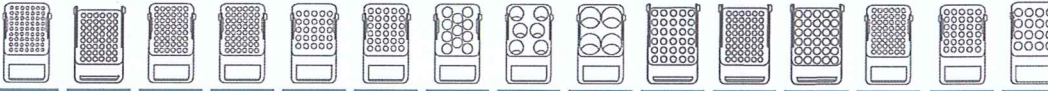
SWING-OUT ROTOR, 6- / 4-PLACE | 4176 / 4174

	
Rotor	
max. RPM	4,500 min ⁻¹
max. RCF Rotor 4176 / 4174	5,999 / 5,184
max. capacity	6 x 750 ml
run-up run-down, braked in sec	125 197
angle temperature in °C ¹⁾	90° +14 / -1
Cat. No.	4176 / 4174

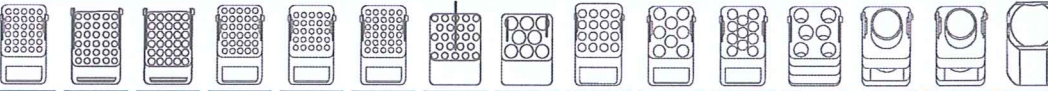
	
Bucket	
Lid bioseal [®]	5057
Cat. No.	4522-A



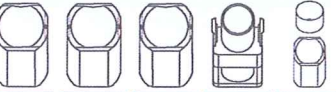
	
Vessels	
capacity in ml	4 5 6 7 12 15 25 50 100 2.6-3.4 2.7-3 4-5.5 4.5-5 7.5-8.5 9-10
Ø x L in mm	10x88 12x75 12x82 12x100 16x101 17x100 24x100 34x100 44x115 13x65 11x66 15x75 11x92 15x92 16x92
max. RCF Rotor 4176 / 4174	5,818 / 5,003 5,818 / 5,003 5,818 / 5,003 5,818 / 5,003 5,818 / 5,003 5,818 / 5,003 5,818 / 5,003 5,818 / 5,003 5,818 / 5,003 5,818 / 5,003 5,818 / 5,003 5,818 / 5,003 5,818 / 5,003 5,818 / 5,003
radius in mm	257 / 221 257 / 221 257 / 221 257 / 221 257 / 221 257 / 221 257 / 221 257 / 221 257 / 221 257 / 221 257 / 221 257 / 221 257 / 221 257 / 221
Cat. No.	tubes²⁾ blood collection / urine tubes

	
Adapter	
boring Ø x L in mm	11 x 74 12.5 x 36 12.5 x 74 12.5 x 74 16x74 17.5x74 26x74 35x74 41.5x74 13.2x36 12.5x36 17.5x36 12.5x74 17.5x74 17.5x74
vessels per rotor	378 / 252 288 / 192 288 / 192 288 / 192 150 / 100 180 / 120 66 / 44 36 / 24 24 / 16 180 / 120 288 / 192 180 / 120 288 / 192 180 / 120 96 / 64
Cat. No.	4224 4213-93 4213 4213 4223 4214 4215 4216 4218 4222-93 4213-93 4214-93 4213 4214 4220

	
Vessels	
capacity in ml	10 1.6-5 4-7 4-7 8 8.5-10 15 50 12 25 30 50 250 290 600
Ø x L in mm	15x102 13x75 16x75 13x100 16x125 16x100 17x120 29x115 17x100 62x137 25x110 29x115 61x122 62x137 93x134
max. RCF Rotor 4176 / 4174	5,818 / 5,003 5,818 / 5,003 5,818 / 5,003 5,818 / 5,003 5,818 / 5,003 5,818 / 5,003 5,999 / 5,184 5,999 / 5,184 5,818 / 5,003 5,818 / 5,003 5,909 / 5,094 5,818 / 5,003 5,818 / 5,003 5,999 / 5,184
radius in mm	257 / 221 257 / 221 257 / 221 257 / 221 257 / 221 257 / 221 265 / 229 265 / 229 257 / 221 257 / 221 257 / 221 261 / 225 257 / 221 257 / 221 265 / 229
Cat. No.	blood collection / urine tubes tubes with screw cap 5127²⁴⁾ - 24) 0551²⁴⁾

	
Adapter	
boring Ø x L in mm	17.5x74 13.2x36 17.5x36 13.2x74 16x74 17.5x74 17x70 30x70 17.5x74 26x73 26x74 30x96 62x90 62x90 94x105
vessels per rotor	180 / 120 180 / 120 180 / 120 180 / 120 150 / 100 180 / 120 138 / 92 48 / 32 96 / 64 48 / 32 66 / 44 36 / 24 6 / 4 6 / 4 6 / 4
Cat. No.	4214 4222-93 4214-93 4222 4223 4214 4232 4245-A 4220 4241 4215 4249 4238 4238 4233

	
Vessels	
capacity in ml	650 750 750 250 500
Ø x L in mm	97 x 139 97 x 152 93 x 135 60 x 162 96 x 147
max. RCF Rotor 4176 / 4174	5,999 / 5,184 5,999 / 5,184 5,999 / 5,184 5,818 / 5,003 5,999 / 5,184
radius in mm	265 / 229 265 / 229 265 / 229 257 / 221 265 / 229
Cat. No.	0554²⁴⁾ 0512²⁴⁾ 4234-A Corning[®] +4449

	
Adapter	
boring Ø x L in mm	97.5x105 97.5x105 97.5x105 61x125 97.5x105
vessels per rotor	6 / 4 6 / 4 6 / 4 6 / 4 6 / 4
Cat. No.	4258 4258 4258 6322 4258

1) For cooled versions: Lowest temperature achievable with precooling and max. speed.

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.

24) At temperatures of over +40 °C and / or when not filled to capacity, bottles may warp during centrifugation.

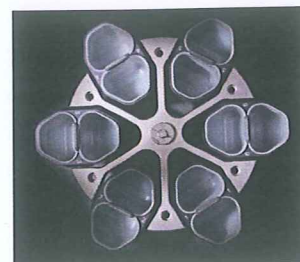
SWING-OUT ROTOR, 6- / 4-PLACE | 4176 / 4174

Rotor

max. RPM	4,500 min ⁻¹
max. RCF	6,384 / 5,592
max. capacity	6 x 1,000 ml
run-up run-down, braked in sec	125 197
angle temperature in °C ¹⁾	90° +9 / -9
Cat. No.	4176 / 4174

Bucket

lid	5621
Cat. No.	4547-B



Vessels

capacity in ml	5	7	9	15	25	50	100	2.6-3.4	2.7-3	4-5.5	4.5-5	4.9	7.5-8.2	9-10	10
Ø x L in mm	12x75	12x100	14x100	17x100	24x100	34x100	44x100	13 x 65	11x66	15x75	11x92	13x90	15x92	16x92	15x102
max. RCF ²⁾	5,841 / 5,026	5,841 / 5,026	5,977 / 5,184	5,977 / 5,184	5,728 / 4,913	5,773 / 4,981	5,750 / 4,958	5,841 / 5,026	5,841 / 5,026	5,977 / 5,184	5,841 / 5,026	5,841 / 5,026	5,977 / 5,184	5,977 / 5,184	5,977 / 5,184
radius in mm	258 / 222	258 / 222	264 / 229	264 / 229	253 / 217	255 / 220	254 / 219	258 / 222	258 / 222	264 / 229	258 / 222	258 / 222	264 / 229	264 / 229	264 / 229
Cat. No.	tubes ²⁾							blood collection / urine tubes							

Adapter

boring Ø x L in mm	13 x 58	13 x 58	17.5 x 53	17.5 x 53	26 x 72	36 x 79	45 x 78	13.5 x 58	13 x 58	17.5 x 53	13 x 58	13.5 x 58	17.5 x 53	17.5 x 53	17.5 x 53
vessels per rotor	180 / 120	180 / 120	114 / 76	114 / 76	42 / 28	24 / 16	12 / 8	126 / 84	180 / 120	114 / 76	180 / 120	126 / 84	114 / 76	114 / 76	114 / 76
Cat. No.	4433	4433	4434	4434	4438	4439	4442	4435	4433	4434	4433	4435	4434	4434	4434

Vessels

capacity in ml	1.6-5	4-7	4-7	8	8.5-10	15	50	25	30	10	250	290	650	750	1,000
Ø x L in mm	13x75	13x100	16x75	16x125	16x100	17x120	29x115	25x90	25x110	16 x 80	62 x 122	62 x 137	97 x 139	97 x 152	96 x 176
max. RCF ²⁾	5,841 / 5,026	5,841 / 5,026	5,977 / 5,184	5,977 / 5,184	5,977 / 5,184	6,090 / 5,298	6,090 / 5,298	5,909 / 5,117	5,909 / 5,117	5,977 / 5,184	6,203 / 5,411	6,203 / 5,411	6,384 / 5,592	6,384 / 5,592	6,384 / 5,592
radius in mm	258 / 222	258 / 222	264 / 229	264 / 229	264 / 229	269 / 234	269 / 234	261 / 226	261 / 226	264 / 229	274 / 239	274 / 239	282 / 247	282 / 247	282 / 247
Cat. No.	blood collection / urine tubes							tubes with screw cap			5127 ²⁴⁾	- ²⁴⁾	0554 ²⁴⁾	0512 ²⁴⁾	4239 ²⁴⁾

Adapter

boring Ø x L in mm	13.5 x 58	13.5 x 58	17.5 x 53	17.5 x 53	17.5 x 53	17 x 88	30 x 87	26 x 72	26 x 72	17.5 x 53	62x92	62x92	98 x 141	98 x 141	98 x 141
vessels per rotor	126 / 84	126 / 84	114 / 76	114 / 76	114 / 76	72 / 48	30 / 20	42 / 28	42 / 28	114 / 76	6 / 4	6 / 4	6 / 4	6 / 4	6 / 4
Cat. No.	4435	4435	4434	4434	4434	4437	4441	4438	4438	4434	4443	4443	-	-	-

Vessels

capacity in ml	175	175	200	225	250	500
Ø x L in mm	61x118	61x144	60x130	61 x 137	60 x 162	96 x 147
max. RCF ²⁾	6,384 / 5,592	6,384 / 5,592	6,384 / 5,592	6,384 / 5,592	6,384 / 5,592	6,384 / 5,592
radius in mm	282 / 247	282 / 247	282 / 247	282 / 247	282 / 247	282 / 247
Cat. No.	Falcon®	Nalgene®	Nunc®	Falcon®	Coming®	Coming®

Adapter

boring Ø x L in mm	-	-	-	-	-	-
vessels per rotor	6 / 4	6 / 4	6 / 4	6 / 4	6 / 4	6 / 4
Cat. No.	4440	4430	4430	4440	4430	4449

1) For cooled versions: Lowest temperature achievable with precooling and max. speed.

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.

24) At temperatures of over +40 °C and / or when not filled to capacity, bottles may warp during centrifugation.

— ANGLE ROTOR, 6-PLACE | 4570



Rotor

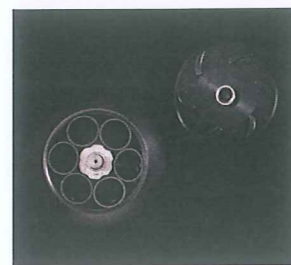
max. RPM max. RCF	6,000 min ⁻¹ 5,594
max. capacity	6 x 250 ml
run-up run-down, braked in sec	64 69
angle max. noise level	25° 54 dB(A)
temperature in °C ¹⁾	-16
Cat. No.	4570

Lid bioseal⁵⁾ and phenol-resistant

Cat. No.



INCLUSIVE



Vessels

capacity in ml	15	25	94	15	50	10	30	50	85	94	250
Ø x L in mm	17x100	24x100	38x102	17x120	29x115	16x80	26x95	29x107	38 x 106	38 x 102	61 x 122
max. RCF ²⁾	5,315	5,152	4,910	5,152	4,830	5,353	5,152	4,830	4,910	4,910	5,594
radius in mm	132	128	122	128	120	133	128	120	122	122	139
Cat. No.	tubes ³⁾			tubes with screw cap							5127 ²⁴⁾



Adapter

boring Ø x L in mm	17.6 x 83	26 x 80	38.6 x 88	17 x 106	30 x 100	16.6 x 70	26 x 80	29 x 90	38.6 x 88	38.6 x 88	61.5 x 109
vessels per rotor	42	18	6	30	6	48	18	6	6	6	6
Cat. No.	5646	5642	5644	5637	5638	5641	5642	5643	5644	5644	-

1) For cooled versions: Lowest temperature achievable with precooling and max. speed.

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 the TÜV in conformity with DIN EN 61010, section 2 - 020.

13) Tube No. 0538 also available with screwing cap. Dimensions with cap 38 x 110 mm. Cat. No. 0539.

24) At temperatures of over +40 °C and / or when not filled to capacity, bottles may warp during centrifugation.

— ACCESSORIES FOR CENTRIFUGING BLOOD BAG SYSTEMS



Hettliner

Blood bags can be secured in adapters using Hettliners. After centrifuging, they can be removed by their loops without disturbing the delicate separation of blood components.



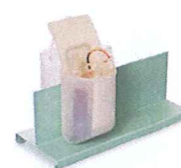
Set of compensatory weights

If blood bag carriers are not filled to the same weight, then compensatory weights can be used to make up the difference. One set includes:
40 balancing weights, 2 g each;
20 balancing weights, 5 g each;
10 balancing weights, 10 g each;
5 balancing weights, 20 g each;
5 balancing weights, 40 g each



Balancing inserts

In case there are not enough blood bag systems to occupy every carrier of the rotor, empty carriers can be filled with balancing inserts. Taring weights supplied with the inserts may be used for fine balancing.



Loading station

Secure your samples and avoid accidental spillage with the convenient Loading Station for centrifuge inserts. The Hettich Loading Station allows users to confidently hold and manage their samples without the risk of the inserts toppling over.

Cat. No. 4564

Cat. No. 4566

4584-A for insert 4559-A

4587-A for insert 4592-B

4589-A for insert 4516-A

Cat. No. 4509

CERTIFICATIONS / REGISTRATIONS

Product certification:



Product registration:



Company certifications:



DOWNLOADS

[↓ Operating Manual – ROTO SILENTA 630 RS](#)

[↓ Complete Range Catalogue](#)

DIMENSIONS

