

Herolab

The High Speed Heroes

*Manufacturer of Life Science
Instruments since 1979*



HiCen[®] SR

Now with Touch Screen
Superspeed Centrifuge
Floor model with refrigeration and 4 Liter capacity.

HiCen® SR for Large Volumes

Catalog No.	Description		Voltage	Phases	Hz
21 11 105	HiCen SR with Touch Screen, Standard for Europe	refrigerated	400/440 V	3	50/60 Hz
21 11 111	HiCen SR with Touch Screen,	refrigerated	220 V	3	50/60 Hz

- maximum capacity: **4 x 1000 ml**
- microprocessor controlled
- 13 angle rotors, 2 swing-out rotors
- speed: 500 – 20,500 rpm, in steps of 100 rpm
- g-force (RCF): 50,743 x g, in steps of 10 x g
- timer: Touchscreen: h, m, 99:59; operating-hours indicator
- HOLD for longer runs
- 9 acceleration and deceleration ramps
- maintenance free, brushless induction drive
- audible signal in case of error, password protected for settings
- stainless steel chamber with additional inner guard ring
- overspeed detection, imbalance detection and cut-off
- motorized lid lock, automatic lid opening, emergency lid lock release
- large Touch Screen display for both current and preset values of speed/g-force, time and temperature



Additional Options (Available on request against surcharge)

Cat. No.	Options
21 10 900	Water Cooling System (minimizes the heat output into the laboratory)
20 90 910	Inertgas (Nitrogen) Flushing
20 90 930	Password Protected Start
20 90 940	GLP Conform Data Management



Swing-out Rotors with accessories

Cat. No.	Type	Max. Capacity		Max. Speed	Max. g-Force
20 97 100	AS 2.6	2 x 3 microplates	incl. 2 carriers for plates up to 80 mm high + 2 plate holders	5,000 rpm	3,075 x g
20 90 501	AS 4.500	4 x 500 ml	Basic rotor, buckets to be ordered separately		
20 90 540	Carrier	4 x 4 microplates	Set of 4 carrier for total of 16 microplates	4.000 rpm	2.719 x g
20 90 502	Set of buckets	4 round buckets for 1 x 500 ml resp. for adapters		5,200 rpm	5,290 x g
20 90 550	Trunnion rings	4 x (7 x 50 ml F) 4 trunnion rings with adapter for total of 28 Falcon tubes 50 ml		5.200 rpm	5.466 x g
20 90 551	Trunnion rings	4 x (14 x 15 ml F) 4 trunnion rings with adapter for total of 56 Falcon tubes 15 ml		5.200 rpm	5.435 x g
25 35 51	Bottles	Bottles 500 ml PPCO Ø 98 x 114 mm with screw cap (pack of 4 bottles)			
25 37 65	Bottles	Bottles 500 ml PPCO, Ø 98 x 112 mm, wide mouth of 70 mm with screw cap (pack of 4 bottles)			

HiCen® SR

Angle Rotors (with hermetically sealing lid)

HiGen® SR

Cat. No.	Type	Max. Capacity	Angle	Max. Speed	Max. g-Force
20 96 100	AF 24.2	24 x 1.5/2.2 ml	45°	18,000 rpm	36,223 x g
20 75 100	AF 72.2	72 x 1.5/2.2 ml	40°	16,000 rpm	36,062 x g
20 94 100	AF 20.10	20 x 10 ml	25°	18,000 rpm	35,499 x g
20 26 100	AF 24.16	24 x 16 ml	28°	20,000 rpm	49,281 x g
20 45 100	AF 12.30	12 x 30 ml	28°	15,000 rpm	26,790 x g
20 93 005	AF 8.50.1 Biosafe	8 x 50 ml	34°	20,500 rpm	50,743 x g
20 93 100	AF 8.50.2	8 x 50 ml	25°	18,000 rpm	34,774 x g
20 98 105	AF 8.50.3 Biosafe	8 x 50 ml Falcon	40°	13,500 rpm	21,191 x g
20 44 105	AF 12.50 Biosafe	12 x 50 ml	34°	16,500 rpm	39,569 x g
20 92 105	AF 6.94 Biosafe	6 x 94 ml	25°	18,000 rpm	35,499 x g
20 22 100	AF 6.250	6 x 250 ml	30°	14,000 rpm	31,774 x g
20 23 100	AF 6.500	6 x 500 ml	30°	10,500 rpm	18,981 x g
20 24 100	AF 4.1000	4 x 1000 ml	22°	8,000 rpm	12,042 x g



Cat. No. 20 22 100



Cat. No. 20 93 005



Cat. No. 20 24 100

Accessories

Cat. No.	Accessories	Units per pack
25 80 70	Cleaning brush for all rotors with bores of 50 ml	1
25 80 80	Cleaning brush for all rotors with bores of 14/15/16 ml	1
25 80 20	Extractor tool for 50 ml tubes with rim	1
25 81 60	Tool M4 for the extraction of adapters out of rotors	1
25 80 30	Tool M6 for the extraction of adapters out of rotors	1



Cat. No. 25 80 70
+ 25 80 80

Cat. No. 25 80 20



Cat. No. 25 81 60 + 25 80 30

For detailed Information about the comprehensive range of [centrifuge tubes und bottles](#) from our production and their possible use in centrifuges of other manufacturers please refer to our catalog "Centrifuge Labware".

We also manufacture the most popular tubes and bottles for Ultra Centrifuges.



Specification

HiCen[®] SR

Catalog No. (400/440V, 50/60 Hz, 3 Phases)		21 11 105	
Maximum Capacity		4 x 1000 ml	
Maximum Speed		20,500 rpm	
Max. g-Force/RCF (depending on rotor)		50,743 x g	
Minimum Speed		> 500 rpm	
Rotor Detection		APRI™ System = Automatic Positive Rotor Identification for Herolab rotors	
Program Memory		50 programs	
Display		Touch Screen	
User Interface		Touch Screen	
Preset Time		Touchscreen: h, m, 99:59., HOLD (continuous) + SHORT (short runs), operating-hours indicator	
Preset Speed		Touch Screen from 500 rpm up to max. speed with increments of 100 rpm	
Preset g-Force/RCF		With increments of 10 x g	
Drive System		Direct self-centering drive system with brushless induction motor	
Speed Accuracy		Deviation less than 1 % (typical: 0.5 %)	
Acceleration Time (depending on rotor)		30 sec. – 2.5 min.	
Deceleration Time (depending on rotor)		40 sec. – 3.5 min.	
Acceleration/Deceleration Rates		9 ramps in steps of 30 sec. from 0 to 240 sec. in the range of 0 – 1.000 rpm	
Braking System		Dynamic electric brake system	
Temperature Set Range		-20°C to +40°C with increments of 1°C	
Cooling at Standstill / Fast cooling		YES / YES	
Temperature Control Accuracy		±2°C on calibrated rotor	
Temperature Control System		Bypass System	
Sample Protection		±4°C to ±10°C from preset temperature	
Overheating Protection			
1. Motor		YES	
2. Rotor Chamber		YES	
Refrigeration System		CFC-free refrigerant	





Safety Features	Overspeed detection
	Imbalance detection and cut-off, audible signal in case of error
	Four point lid fixing
	Automatic motor driven lid lock with emergency lid lock release
	Lid opening after the run - selectable
	Stainless steel chamber with additional inner guard ring
	Password protection - selectable

Dimensions (W x D x H): in cm (in inches)	69.5 x 79.5 lower level / 87.5 upper level x 92.5 (27.4 x 31.3 lower level / 34.5 upper level x 36.4)
Shipping Dimensions in cm (in inches)	95 x 105 x 114 cm (37,4 x 41,3 x 44,9 inches)
Net Weight	315.0 kg (695 lbs.)
Gross Weight	335.0 kg (739 lbs.)



All products built by Herolab carry the CE sign.
Herolab is certified according to
DIN EN ISO 9001:2015



WEEE-Reg. No.
DE66734561

Herolab reserves the right to change technical specifications without prior notice.

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The High Speed Heroes

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Tubes and Adapters for Rotors of *HiGen® SR*

for Rotors **AF 24.2 + AF 72.2**

Tubes	2.0-2.2 ml	1.5 ml	0.5-0.7 ml	0.25-0.4 ml	0.2 ml
Tubes Ø x Length (mm)	11/13 x 40	11/13 x 40	8/10 x 28-31	Ø 6 mm	PCR® Tubes
Material of Tubes + Herolab Cat. No.	Tubes not available from Herolab	Tubes not available from Herolab	Tubes not available from Herolab	Tubes not available from Herolab	Tubes not available from Herolab
Necessary Adapter	---	---			
Herolab Cat. No.	---	---	25 50 06	25 50 05	25 50 07
Tubes per Adapter / Rotor	- / 24 resp. 72	- / 24 resp. 72	1 / 24 resp. 72	1 / 24 resp. 72	1 / 24 resp. 72



Cat. No. 20 75 100



Cat. No. 20 94 100



Cat. No. 20 96 100

for Rotor **AF 20.10**

Tubes	10 ml AOR	13.5 ml
Tubes Ø x Length (mm)	16 x 80	16 x 76
Material of Tubes + Herolab Cat. No.	PC: 25 24 01 PPCO: 25 24 11 PE: 25 24 41 PF: 25 24 51	Tubes not available from Herolab
Necessary Adapter	---	---
Herolab Cat. No.	---	---
Tubes per Adapter / Rotor	- / 20	- / 20

Cat. No. 25 25 70 / 25 80 / 26 60 / 25 90 / 26 90



* Snap-on caps for 16 ml tubes available (Cat No. 25 45 50 / 25 45 51)

Cat. No. 25 27 00 / 20 / 40 / 51



Cat. No. 25 29 51 / 61 / 65 / 71



for Rotor **AF 24.16**

Tubes	16 ml with rim	12/15 ml Glass	10 ml Glass	4.5 / 5 ml	3 ml Glass	1.5 ml
Tubes Ø x Length (mm)	18 x 100	18 x 102	13 x 100	12 x 75	10 x 75	11/13 x 40
Material of Tubes + Herolab Cat. No.	PC: 25 27 00* PPCO: 25 27 20* PE: 25 27 40* PF: 25 27 51*	Tubes not available from Herolab	Tubes not available from Herolab	PP: 25 22 30	Tubes not available from Herolab	Tubes not available from Herolab
Necessary Adapter	---					
Herolab Cat. No.	---	25 58 20	25 56 00	25 50 72	25 55 80	25 50 70
Tubes per Adapter / Rotor	- / 24	1 / 24	1 / 24	1 / 24	1 / 24	1 / 24

AF 12.30

Tubes	30 ml AOR
Tubes Ø x Length (mm)	25 x 92
Material of Tubes + Herolab Cat. No.	PC: 25 29 51 PPCO: 25 29 61 PE: 25 29 65 PF: 25 29 71 PC 25 30 20 dick-w. m. Gewinde
Necessary Adapter	---
Herolab Cat. No.	---
Tubes per Adapter / Rotor	- / 12

Cat.-or.
25 30 20 + 25 46 85



Tubes and Adapters for *HiGen[®] SR*

for Rotor **AF 8.50.1 + AF 8.50.2 + AF 12.50**

Tubes	50ml AOR	50 ml with rim	50 ml with cap	45 ml Glass	30 ml AOR	30 ml Glass	16 ml with rim	12/15 ml Glass
Tubes Ø x Length (mm)	29 x 103	29 x 103	29 x 103	28 x 102	25 x 92	24 x 105	18 x 100	18 x 102
Material of Tubes + Herolab Cat. No.	PC: 25 32 01 PPCO: 25 32 11 PE: 25 32 15 PF: 25 32 21	PC: 25 31 00 PPCO: 25 31 60 PE: 25 31 30 PF: 25 31 51	PC: 25 31 05 PPCO: 25 31 45	Tubes not available from Herolab	PC: 25 29 51 PPCO: 25 29 61 PE: 25 29 65 PF: 25 29 71	Tubes not available from Herolab	PC: 25 27 00 PPCO: 25 27 20 PE: 25 27 40 PF: 25 27 51	Tubes not available from Herolab
Necessary Adapter	---	---	---					
Herolab Cat. No.	---	---	---	25 58 00	25 50 61	25 55 60	25 50 50	25 55 50
Tubes per Adapter / Rotor	- / 8 resp. 12	- / 8 resp. 12	- / 8 resp. 12	1 / 8 resp. 12	1 / 8 resp. 12	1 / 8 resp. 12	1 / 8 resp. 12	1 / 8 resp. 12

Tubes	10ml AOR	10 ml Glass	10 ml Glass	4.5/5 ml	3 ml Glass	1.5 ml	1 ml
Tubes Ø x Length (mm)	16 x 80	18 x 102	13 x 100	12 x 75	10 x 75	11 x 40	7 x 50
Material of Tubes + Herolab Cat. No.	PC: 25 24 01 PPCO: 25 24 11 PE: 25 24 41 PF: 25 24 51	Tubes not available from Herolab	Tubes not available from Herolab	PP: 25 22 30	Tubes not available from Herolab	Tubes not available from Herolab	Tubes not available from Herolab
Necessary Adapter							
Herolab Cat. No.	25 50 30	25 55 40	25 55 30	25 50 11	25 55 10	25 50 10	25 50 00
Tubes per Adapter / Rotor	1 / 8 resp. 12	1 / 8 resp. 12	1 / 8 resp. 12	2 / 16 resp. 24	2 / 16 resp. 24	2 / 16 resp. 24	4 / 32 resp. 48



for Rotor

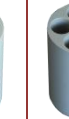
AF 8.50.3



Tubes	50 ml Falcon	50ml AOR	50 ml with cap	30 ml AOR	15 ml Falcon
Tubes Ø x Length (mm)	29 x 118	29 x 103	29 x 103	25 x 92	17 x 122
Material of Tubes + Herolab Cat. No.	Tubes not available from Herolab	PC: 25 32 01 PPCO: 25 32 11 PE: 25 32 15 PF: 25 32 21	PC: 25 31 05 PPCO: 25 31 45	PC: 25 29 51 PPCO: 25 29 61 PE: 25 29 65 PF: 25 29 71	Tubes not available from Herolab
Necessary Adapter	---				
Herolab Cat. No.	---	25 53 82	25 53 82	25 50 62	25 53 80
Tubes per Adapter / Rotor	- / 8	1 / 8	1 / 8	1 / 8	1 / 8

Tubes and Adapters for *HiGen® SR*

for Rotor **AF 6.250**

Tubes/Bottles	250 ml	250 ml	200ml	100/120 ml	80 ml AOR	50ml AOR	50 ml FALCON	16 ml with rim	15 ml FALCON	10 ml
Tubes Ø x Length (mm)	62 x 122	62 x 122	60 x 115	40 x 115	38 x 105	29 x 103	24 x 105	18 x 100	17 x 122	13 x 100
Material of Tubes + Herolab Cat. No.	PC: 25 34 01 PPCO: 25 34 21 PE: 25 34 31 PF: 25 34 39 PP black: 25 34 12	round bottom: PC: 25 34 41 PPCO: 25 34 45 PE: 25 34 47 PF: 25 34 49	Tubes not available from Herolab	100 ml: PC: 25 33 00	PC: 25 32 41 PPCO: 25 32 45 PE: 25 32 47 PF: 25 32 49	PC: 25 32 01 PPCO: 25 32 11 PE: 25 32 15 PF: 25 32 21	Tubes not available from Herolab	PC: 25 27 00 PPCO: 25 27 20 PE: 25 27 40 PF: 25 27 51	Tubes not available from Herolab	Tubes not available from Herolab
Necessary Adapter	---									
Herolab Cat. No.	---	25 51 90	25 58 10	25 51 70	On request	On request	25 51 75	25 51 30	25 51 35	25 51 10
Tubes per Adapter / Rotor	-	1 / 6	1 / 6	1 / 6	1 / 6	1 / 6	1 / 6	5 / 30	4 / 24	9 / 54

Tubes	4.5/5 ml	3 ml	1.5 ml
Tubes Ø x Length (mm)	12 x 75	10 x 75	11/13 x 40
Material of Tubes + Herolab Cat. No.	PP: 25 22 30	Tubes not available from Herolab	Tubes not available from Herolab
Necessary Adapter			
Herolab Cat. No.	25 51 00	25 50 90	25 52 10
Tubes per Adapter / Rotor	9 / 54	15 / 90	8 / 48



for Rotor **AF 6.500**

Bottles	500 ml
Ø x Length (mm)	70 x 165
Material of Tubes + Herolab Cat. No.	PC: 25 35 01* PPCO: 25 35 21* PE: 25 35 31* PP black: 25 35 12*
Necessary Adapter	---
Herolab Cat. No.	- / 6
Tubes per Adapter / Rotor	



* For safety reasons always use 500 ml bottles with collar support ring. (Catalog No. 25 52 41)!



Cat. No. 25 35 01 / 21 / 31 / 12



Widemouth Bottle

** Use the Ø 98 mm bottles in fixed angle rotors for 98 mm Ø bottles only with cover including support ring.

AF 4.1000

1000 ml
(100 x 181)
(PPCO: 25 37 50** for rotor 20 24 110 only)
98 x 175
Cap with Support Ring: PC: 25 35 65** PPCO: 25 35 75**
98 x 190
PPCO: 25 37 80**

- / 4



Tubes and Adapters for *HiGen® SR* for Rotor **AF 6.94**



Cat. No. 20 92 100

Cat. No. 25 32 42 / 45 / 47 / 49



Cat. No.
25 32 90 + 25 46 82

Adapter for tubes (38.5 ml),
17 ml, 13.5 ml, 6.5 ml and 4.4 ml
are available on request.

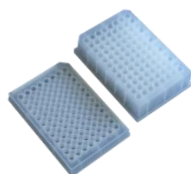


Cat. No.
25 30 20 + 25 46 85

94 ml	80 ml AOR
38 x 102	38 x 105
thick-walled PC: 25 32 80 PPCO: 25 32 60 thick-w. w. thread PC: 25 32 90	PC: 25 32 41 PPCO: 25 32 45 PE: 25 32 47 PF: 25 32 49
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- / 6	- / 6

for Rotor **AS 2.6**

Plates	Microtiter Plates	Deepwell Plates
Total Height of Plates	up to 80 mm	up to 80 mm
Material of Tubes + Herolab Cat. No.	Plates not available from Herolab	Plates not available from Herolab
Necessary Adapter	---	---
Herolab Cat. No.	---	---
Tubes per Adapter / Rotor	- / 2-6	- / 2-4



Cat. No. 20 97 105

Cat. No. 20 97 100



AS 4.500

500 ml	50 ml Falcon	15 ml Falcon
98 x 114	29 x 118	17 x 122
PPCO: 25 35 51 PPCO: 25 37 65 (98 x 112 / W70)	Tubes not available from Herolab	Tubes not available from Herolab
---		
---	20 90 530	20 90 535
- / 4	5 / 20	8 / 32

Cat. No. 20 90 501 + 20 90 511
+ 20 90 530 + 20 90 535



Cat. No. 25 35 51

Herolab Tubes for Rotors of *HiCen® SR*

Cat. No.	Description	Ø x Length (mm)	Pieces/Pack
25 22 30	Tubes 4.5 ml PP-RB	12 x 75	1000
25 24 01	Tubes 10 ml PC-AOR with screw cap	16 x 80	10
25 24 11	Tubes 10 ml PPCO-AOR with screw cap	16 x 80	10
25 24 41	Tubes 10 ml PE-AOR with screw cap	16 x 80	10
25 24 51	Tubes 10 ml PF-AOR with screw cap	16 x 80	2
25 24 80	Tubes 13,5 ml PC thick-walled UC, 16 x 76 mm	16 x 76	50
25 24 90	Tubes 13,5 ml PC thick-walled with thread UC, 16 x 76 mm	16 x 76	50
25 25 60	Tubes 14 ml PC-RB	18 x 75	10
25 27 00	Tubes 16 ml PC-RB/FL	18 x 100	10
25 27 20	Tubes 16 ml PPCO-RB/FL	18 x 100	10
25 27 40	Tubes 16 ml PE-RB/FL	18 x 100	10
25 27 51	Tubes 16 ml PF-RB/FL	18 x 100	2
25 29 51	Tubes 30 ml PC-AOR with screw cap	25 x 92	10
25 29 61	Tubes 30 ml PPCO-AOR with screw cap	25 x 92	10
25 29 65	Tubes 30 ml PE-AOR with screw cap	25 x 92	10
25 29 71	Tubes 30 ml PF-AOR with screw cap	25 x 92	2
25 30 20	Tubes 38.5 ml PC thick-walled with thread UC	25 x 89	50
25 30 40	Tubes 38.5 ml PC thick-walled UC	25 x 89	50
25 30 50	Tubes 38.5 ml PPCO thin-walled UC	25 x 89	50
25 30 60	Tubes 38.5 ml PPCO thick-walled UC	25 x 89	50
25 31 00	Tubes 50 ml PC-RB/FL	29 x 103	10
25 31 05	Tubes 50 ml PC-RB/FL with Loop Cap	29 x 103	10
25 31 30	Tubes 50 ml PE-RB/FL	29 x 103	10
25 31 45	Tubes 50 ml PPCO-RB/FL with Loop Cap	29 x 103	10
25 31 51	Tubes 50 ml PF-RB/FL	29 x 103	2
25 31 60	Tubes 50 ml PPCO-RB/FL	29 x 103	10
25 32 01	Tubes 50 ml PC-AOR with screw cap	29 x 103	10
25 32 11	Tubes 50 ml PPCO-AOR with screw cap	29 x 103	10
25 32 15	Tubes 50 ml PE-AOR with screw cap	29 x 103	10
25 32 21	Tubes 50 ml PF-AOR with screw cap	29 x 103	2
25 32 41	Tubes 80 ml PC-AOR with screw cap	38 x 105	10
25 32 45	Tubes 80 ml PPCO-AOR with screw cap	38 x 105	10
25 32 47	Tubes 80 ml PEC-AOR with screw cap	38 x 105	10
25 32 49	Tubes 80 ml PF-AOR with screw cap	38 x 105	2
25 32 50	Tubes 94 ml PPCO-RB	38 x 106	10
25 32 60	Tubes 94 ml PPCO thick-walled UC	38 x 102	25
25 32 80	Tubes 94 ml PC thick-walled UC	38 x 102	25
25 32 90	Tubes 94 ml PC thick-walled with thread UC	38 x 102	25
25 33 00	Tubes 100 ml PC-RB/G	40 x 115	2
25 33 10	Tubes 120 ml PPCO-RB	40 x 115	10
25 34 01	Bottles 250 ml PC-FB with screw cap	62 x 122	6
25 34 12	Bottles 250 ml PPCO black FB with screw cap	62 x 122	6
25 34 21	Bottles 250 ml PPCO-FB with screw cap	62 x 122	6
25 34 31	Bottles 250 ml PE-FB with screw cap	62 x 122	6
25 34 39	Bottles 250 ml PF-FB with screw cap	62 x 122	2
25 34 41	Bottles 250 ml PC-RB with screw cap	62 x 122	6
25 34 43	Bottles 250 ml PPCO-RB with screw cap	62 x 122	6
25 34 45	Bottles 250 ml PPCO-RB with screw cap	62 x 122	6
25 34 47	Bottles 250 ml PE-RB with screw cap	62 x 122	6
25 34 49	Bottles 250 ml PF-RB with screw cap	62 x 122	2
25 34 81	Bottles 290 ml PC-FB with screw cap	62 x 137	6
25 34 87	Bottles 290 ml PE-FB with screw cap	62 x 137	6
25 35 01	Bottles 500 ml PC-FB with screw cap	70 x 165	6
25 35 12	Bottles 500 ml PPCO black-FB with screw cap	70 x 165	2
25 35 21	Bottles 500 ml PPCO-FB with screw cap	70 x 165	6
25 35 31	Bottles 500 ml PE-FB with screw cap	70 x 165	6

Cat. No.	Description	Ø x Length (mm)	Pieces/Pack
25 35 39	Bottles 500 ml PF-FB with screw cap	98 x 114	2
25 35 51	Bottles 500 ml PPCO-FB with screw cap - only for AS 4.500	98 x 114	4
25 37 65	Bottle 500 ml, PPCO-FB with screw cap, wide mouth of 70 mm - only for AS 4.500	98 x 112	4
25 35 65	Bottles 1000 ml PC-FB with screw cap with neck support ring	98 x 175	4
25 35 75	Bottles 1000 ml PPCO-FB with screw cap with neck support ring	98 x 175	4
25 37 50	Bottles 1000 ml PPCO-FB with sealing cap	100 x 181	4
25 37 80	Bottles 1000 ml PPCO-FB with sealing cap	98 x 190	4
25 45 50	Snap-on Caps for Tubes 14 ml and 16 ml (except for PE)		10
25 45 51	Snap-on Caps for Tubes 14 ml and 16 ml PE		10
25 46 82	Screw cap, aluminum, for UC tubes 94 ml		1
25 46 85	Screw cap, aluminum, for UC tubes 38,5 ml		1
25 52 41	Support ring for bottles 500 ml		6



UC	Ultra Centrifuge Tubes	PPCO	Polypropylene Copolymer
AOR	Advanced Oak Ridge	CB	Conical Bottom
PC	Polycarbonate	FB	Flat Bottom
PE	Polyethylene	RB	Round Bottom
PF	Polyflor®	FL	Flange (Rim)

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