Herolab

The High Speed Heroes

Manufacturer of Life Science Instruments since 1979



HiCen® XL

Now with Touch Screen

High Performance Refrigerated Centrifuge

Large number of tubes and capacity up to 6.000 ml

HiCen® XL for Extra-Large Volumes

Catalog No.	Description		Voltage	Phases	Hz
21 10 205	HiCen XL with Touch Screen, Standard for Europe	refrigerated	400/440 V	3	50/60 Hz
21 10 207	HiCen XL with Touch Screen, Standard für Europa	refrigerated	220/240 V	1	50 Hz
21 10 209	HiCen XL with Touch Screen	refrigerated	208/220 V	1	50/60 Hz
21 10 211	HiCen XL with Touch Screen, Standard for Europe	refrigerated	220 V	3	50/60 Hz

- maximum capacity: **6 x 1000 ml**
- microprocessor controlled
- 14 angle rotors, 4 swing-out rotors
- speed: 500 - 20,500 rpm, in steps of 100 rpm, HOLD(continuous) + SHORT(short runs)
- g-force (RCF): 50,743 x g, in steps of 10 x g
- timer: Touchscreen: h, m, s 99:59:59
- HOLD for longer runs
- 9 acceleration and deceleration ramps
- maintenance free, brushless induction drive
- audible signal in case of error, password protected for Settings
- operating-hours indicator
- 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 for all models of HiCen® XL 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 90 940	GLP Conform Data Management


Kat. Nr.
20 70 050


Kat. Nr.20 90 551

Kat. Nr.
20 90 540

Kat. Nr.
20 90 550


Kat. Nr.
25 35 51


Kat. Nr.
20 70 300

Kat. Nr. 20 90 501
+ 20 90 540

Swing-Out Rotors for HiCen® XL

Cat. No.	Type	Max. Capacity	Max. Speed	Max. g-Force
20 97 100	**AS 2.6**	**For 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	For 4 x 4 microplates, Set of 4 carriers	4,000 rpm	2,719 x g
20 90 502	buckets	4 round buckets for 1 x 500 ml w./o. caps, resp. for adapters	5,200 rpm	5,290 x g
25 35 51	bottles	Bottles 500ml PPCO (98 x 114 mm) with caps, 4 bottles		
20 90 550	Trunnion rings	4 x (7 x 50 ml F), Set of 4 trunnion rings with adapters	5,200 rpm	5,466 x g
20 90 551	Trunnion rings	4 x (14 x 15 ml F), Set of 4 trunnion rings with adapters	5,200 rpm	5,435 x g
20 70 060	**AS 4.750**	**4 x 750 ml,** Basic rotor **incl. windshield**, buckets to be ordered separately		
20 70 400	carrier	For 4 x 4 microplates, Set of 4 carriers	3,700 rpm	2,693 x g
20 70 300	buckets	4 round buckets for 1 x 750 ml each w./o. caps , resp. for adapters	4,500 rpm	4,800 x g
20 70 950	caps	Caps for round buckets 750 ml, (pack of 2 caps)		
20 70 650	Trunnion rings	4 x (8 x 50ml Falcon)	4.500 rpm	4.449 x g
20 70 615	Trunnion rings	4 x (19 x 15ml Falcon)	4.500 rpm	4.584 x g
20 70 050	**AS 4.1000**	**4 x 1000 ml,** Basic rotor, buckets to be ordered separately		
20 70 400	carrier	For 4 x 4 microplates, Set of 4 carriers	3,700 rpm	2,693 x g
20 70 300	buckets	4 round buckets for 1 x 750 ml each w./o. caps, resp. for adapters	3,600 rpm	3,072 x g
20 70 200	buckets	4 round buckets for 1 x 1000 ml each w./o. caps, resp. for adapters	3,600 rpm	3,362 x g
20 70 950	caps	Caps for round buckets for 750ml or 1000 ml, (pack of 2 caps)		
20 70 650	Trunnion rings	4 x (8 x 50ml Falcon)	3.600 rpm	2.847 x g
20 70 615	Trunnion rings	4 x (19 x 15ml Falcon)	3.600 rpm	2.934 x g

Angle Rotors (with hermetically sealing lid)

HiCen® XL

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
20 25 100	AF 6.1000	6 x 1000 ml	25°	7,000 rpm	11,291 x g



Cat. No. 20 23 100

Cat. No. 20 93 005





Cat. No. 20 25 100

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 81 20	Extractor tool for bottom pad for bottles	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
resp. 25 81 20



Cat. No. 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® XL

Catalog No. (400/440V, 50/60 Hz, 3 Phases)	21 10 205
Maximum Capacity	6 x 1000 ml
Maximum Speed	20,500 rpm
Max. g-Force/RCF (depending on rotor)	50,743 x g
Display, User Interface	Touch Screen Display



Rotor Detection	APRI™ System = Automatic Positive Rotor Identification for Herolab rotors
Program Memory	50 programs with Touch Screen Panel
Languages	German, English
Preset Time	Touchscreen: h, m, s 99:59:59, HOLD (continuous) + SHORT (short runs), operating-hours indicator
Preset Speed	Touchscreen 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 typically less than 0.2 %
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 15 sec. from 0 to 120 sec. in the range of 0 – 1.000 rpm
Braking System	Dynamic electric brake system. Acoustic signal at the end of run or failure message - selectable

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** **2. Rotor Chamber**	 Yes 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)	78.0 x 90.0 x 92.0 (30.7 x 35.4 x 36.2)
Shipping Dimensions in cm (in inches)	95.0 x 105.0 x 114.0 (37.4 x 41.3 x 44.9)
Net Weight	380.0 kg
Gross Weight	410.0 kg







All products built by Herolab carry the CE sign.
Herolab has its own quality management system according to ISO 9001.

CE

WEEE-Reg. No. DE66734561

Herolab reserves the right to change technical specifications without prior notice. 2025-03

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Tubes and Adapters for Rotors of HiCen® XL

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
(Pack of 6 Adapters)	---	---			

Cat. No. 25 50 07



Cat. No. 25 50 06

Cat. No. 25 50 05



Cat. No. 20 75 100

Cat. No. 20 94 100



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**	PPCO: **25 24 70**
Necessary Adapter	---	---
Herolab Cat. No.	---	---
Tubes per Adapter / Rotor	- / 20	- / 20
(Pack of 2 Adapters)	---	---



Cat. No. 25 24 01 / 11 / 41 / 51



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

Cat. No. 20 96 100





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



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

Cat. No. 20 26 100



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
(Pack of 2 Adapters)	---					

AF 12.30

30 ml AOR
25 x 92
PC: **25 29 51** PPCO: **25 29 61** PE: **25 29 65** PF: **25 29 71**

- / 12

Tubes and Adapters for Rotors of HiCen® XL

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**	B: **25 12 60**	PC: **25 29 51** PPCO: **25 29 61** PE: **25 29 65** PF: **25 29 71**	B: **25 11 10** HS: **25 11 41**	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
(Pack of 2 Adapters)	---	---	---					

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 / 8resp. 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
(Pack of 2 Adapters)							



Kat.-Nr. 20 93 005



Cat. No. 25 32 01 / 11 / 15 / 21



Cat. No. 25 31 05 / 45



Cat. No. 25 31 00 / 60 / 30 / 51

for Rotor AF 8.50.3



Kat.-Nr. 20 93 100

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
(Pack of 2 Adapters)	---				



Kat.-Nr. 20 98 100

Tubes and Adapters for Rotors of HiCen® XL

for Rotor AF 6.250

Tubes/Bottles	250 ml	250 ml	200 ml	100/120 ml	80 ml AOR	50 ml 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	24 x 105	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
(Pack of 2 Adapters)		(pack of 6 pads)								

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
(Pack of 2 Adapters)			



Kat.-Nr. 20 22 100

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



Cat. No. 25 34 41 / 43 / 45 / 47 / 49



Cat. No. 25 34 01 / 21 / 31 / 39 / 12

for Rotor AF 6.500

Bottles	500 ml	250 ml	50ml Falcon
Ø x Length (mm)	70 x 165	62 x 122	24 x 105
Material of Tubes + Herolab Cat. No.	PC: **25 35 01*** PPCO: **25 35 21*** PE: **25 35 31*** PP black: **25 35 12***	PC: **25 34 01*** PPCO: **25 34 21*** PE: **25 34 31*** PF: **25 34 39***	Tubes not available from Herolab
Necessary Adapter			
Herolab Cat. No.		**25 54 41**	**25 54 40**
Tubes per Adapter / Rotor	-- / 6--	1/6	2 / 12
(Pack of 2 Adapters)	---		

** Use the Ø 98 mm bottles in angle rotors for 98 mm Ø bottles only with cover support ring. For rotors for 100 mm Ø bottles use the stainless steel cup 25 13 511 . Then pay attention to the total weight per rotor bore! The 100 mm bottles are wide-mouth bottles with an opening of 70 mm. The 98 mm Ø bottles are specially designed for the rotor AF 6.1000 provided.



Kat.-Nr. 25 35 01 / 21 / 31 / 12



Kat.-Nr. 25 35 65 / 75

Wide neck bottles



Cat.-No. 25 37 80

Cat.-No. 25 37 50

AF 4.1000
AF 6.1000

1000 ml
(100 x 181)
(PPCO: **25 37 50**** for Rotor 20 24 100 only)
98 x 175
Cap with support ring: PC: **25 35 65**** PPCO: **25 35 75****
98 x 190
PPCO: **25 37 80****

- / 6

Kat.-Nr. 20 23 100





Kat.-Nr. 20 24 100



Kat.-Nr. 20 25 100

Tubes and Adapters for Rotors of HiCen® XL

for rotor AF 6.94



Kat.-Nr. 20 92 100



Kat.-Nr.
25 32 90 + 25 46 82



Kat.-Nr.
25 30 20 + 25 46 85
38,5 ml

Adapter für Röhrchen (38,5 ml), 17 ml, 13,5 ml, 6,5 ml und 4,4 ml sind **auf Anfrage erhältlich.**

Kat.-Nr. 25 32 41 / 45 / 47 / 49

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**
---	---
---	**---**
- / 6	- / 6
---	**---**



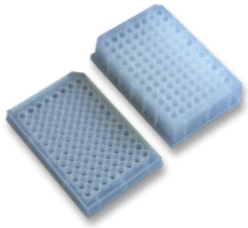
AS 4.750 + AS 4.1000

with set of Microtiter Plate carriers

Microtiter Plates	Deepwell Plates
up to 64 mm	up to 64 mm
Plates not available from Herolab	Plates not available from Herolab
---	---
---	**---**
- / 4-12	- / 4-8
---	**---**

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

Cat. No. 20 70 060



Cat. No. 20 70 050



Tubes and Adapters for HiCen® XL

for Rotor AS 4.500

Tubes/Bottles	500 ml	50 ml Falcon	15 ml Falcon
Tubes Ø x Length (mm)	98 x 114	29 x 118	17 x 122
Material of Tubes + Herolab Cat. No.	PPCO: **25 35 51** PPCO: 25 37 65 (98 x 112 / W70)	Tubes not available from Herolab	Tubes not available from Herolab
Necessary **Adapter**	---		
Herolab Cat. No.	---	**20 90 530**	**20 90 535**
Tubes per Adapter / Rotor	- / 4	5 / 20	8 / 32
(Pack of 2 Adapters)	---		

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



Cat. No. 20 70 060





Cat. No. 25 35 51







Tubes and Adapters for HiCen® XL

Cat. No. 20 70 060



Cat. No. 20 70 050



Kat.-Nr. 25 35 62 / 72



Kat.-Nr. 25 35 80 / 81



Cat. No. 25 34 01 / 21 / 31 / 39 / 12





Kat.-Nr. 20 70 200

Kat.-Nr. 20 70 300

for Rotor AS 4.750 + AS 4.1000

with set of round buckets for bottles or adapters

Tubes/Bottles	1000 ml	750 ml	500 ml	250 ml	250 ml	100 ml	50 ml Falcon
Tubes Ø x Length (mm)	98 x 175	98 x 152	70 x 165	62 x 122	Ø 63	40 x 115	29 x 118
Material of Tubes + Herolab Cat. No.	PC: **25 35 62** PPCO: **25 35 72** PPCO: **25 37 85** (98 x 173 / W70)	PC: **25 35 80** PPCO: **25 35 81** PPCO: **25 37 70** (98 x 136 / W70)	PC: **25 35 01*** PPCO: **25 35 21*** PE: **25 35 31*** PP black: **25 35 12***	PC: **25 34 01** PPCO: **25 34 21** PE: **25 34 31** PF: **25 34 39** PP black: **25 34 12**	Conical bottles Bottles not available from Herolab	PC: **25 33 00**	Tubes not available from Herolab
Necessary Adapter	--- Can only be used in 1000 ml buckets No. 20 70 200 of rotor AS 4.1000 directly	--- Can only be used in 750 ml buckets No. 20 70 300 of rotor AS 4.1000 directly					
Herolab Cat. No.	---	---	**20 70 210**	**20 70 220**	**20 70 215**	**20 70 225**	**20 70 230**
Tubes per Adapter / Rotor	- / 4	- / 4	1 / 4	1 / 4	1 / 4	3 / 12	5 / 20
	---	---					

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



Tubes	50ml AOR	50 ml with rim	50 ml with cap	30 ml AOR	15ml	15 ml Falcon	10ml AOR
Tubes Ø x Length (mm)	29 x 103	29 x 103	29 x 103	25 x 92	17 x 87/119	17 x 122	16 x 80
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**	PC: **25 29 51** PPCO: **25 29 61** PE: **25 29 65** PF: **25 29 71**	Tubes not available from Herolab	Tubes not available from Herolab	PC: **25 24 01** PPCO: **25 24 11** PE: **25 24 41** PF: **25 24 51**
Necessary Adapter							
Herolab Cat. No.	**20 70 235**			**20 70 240**	**20 70 250**	**20 70 245**	**20 70 255**
Tubes per Adapter / Rotor	7 / 28			8 / 32	18 / 72	12 / 48	20 / 80

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



Cat. No. 25 34 01 / 21 / 31 / 39 / 12



Tubes	7 ml	7 ml	5 ml	0.5 ml
Tubes Ø x Length (mm)	Ø 13.5	Ø 16.5	Ø 13.5	Ø 9.5
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
Necessary Adapter				
Herolab Cat. No.	**20 70 260**	**20 70 265**	**20 70 270**	**20 70 275**
Tubes per Adapter / Rotor	32 / 128	21 / 84	35 / 140	60 / 240

Cat. No. 25 32 01 / 11 / 15 / 21 + 25 31 05 / 45 / 00 / 60 / 30 / 51



Cat. No.
25 32 01 / 11
25 32 15 / 21



Cat. No.
25 31 00 / 60
25 31 30/ 51



Cat. No.
25 31 05 / 45

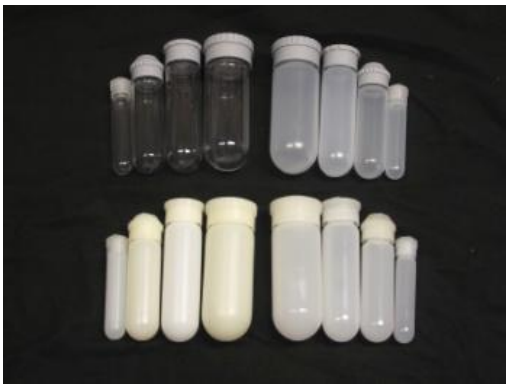


Cat. No.
25 29 51 / 61
25 32 65 / 71

Herolab Tubes for Rotors of HiCen® XL

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 PP-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 PP-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 PP 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 PP-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

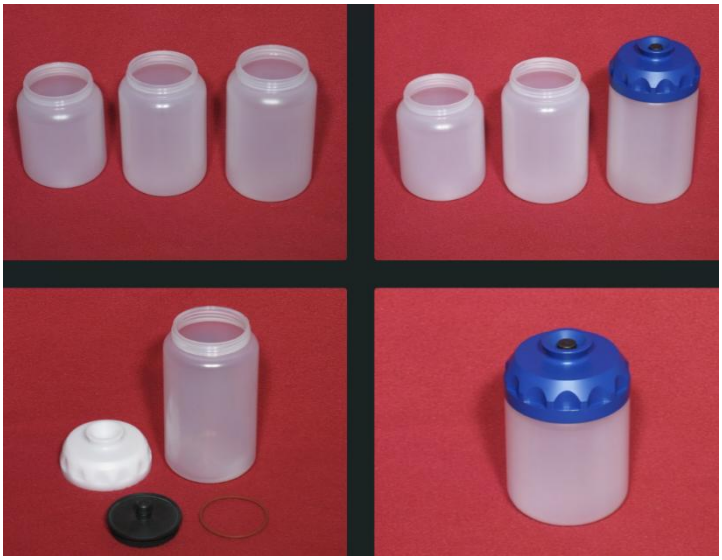
Cat. No.	Description	Ø x Length (mm)	Pieces/Pack
25 34 87	Bottles 290 ml PE-FB with screw cap	62 x 137	6
25 35 01	Bottles 500 ml PC-FB with screw cap	70 x 165	6
25 35 12	Bottles 500 ml PP black-FB with screw cap	70 x 165	2
25 35 21	Bottles 500 ml PPCO-FB with screw cap	70 x 165	6
25 35 31	Bottles 500 ml PE-FB with screw cap	70 x 165	6
25 35 51	Bottles 500 ml PPCO-FB with screw cap (for AS 4.500 only)	98 x 114	4
25 35 62	Bottles 1000 ml PC-FB with screw cap	98 x 175	4
25 35 65	Bottles 1000 ml PC-FB with screw cap and neck support	98 x 175	4
25 35 72	Bottles 1000 ml PPCO-FB with screw cap	98 x 175	4
25 35 75	Bottles 1000 ml PPCO-FB with screw cap and neck support	98 x 175	4
25 35 80	Bottles 750 ml PC-FB with screw cap	98 x 152	4
25 35 81	Bottles 750 ml PPCO-FB with screw cap	98 x 152	4
25 37 50	Bottle 1.000 ml, PPCO, wide mouth of 70 mm, including Sealing Screw Cover with Handle	100 x 181	4
25 37 65	PPCO-Bottle 500 ml, with sealing cap, wide mouth of 70 mm - only for AS 4.500	98 x 112	4
25 37 70	PPCO-Bottle 750 ml, with sealing cap, wide mouth of 70 mm - only for AS 4.750	98 x 136	4
25 37 85	PPCO-Bottle 1000 ml, with sealing cap, wide mouth of 70 mm – only for AS 4.1000	98 x 173	4
25 46 82	Screw cap, aluminum, for UC tubes 94 ml		1
25 52 41	Support ring for bottles 500 ml		6









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

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

LABSUN dimension correction, 24 November 2026: item 25 37 70, Ø 98 × 136 mm. See also page 10.