



# Many Racks – Plenty of Choice

There is a large variety of vials, bottles and other containers, which are used in laboratories around the world – the choice of racks is equally large to cater for all container sizes. This shows the great flexibility of the FREESTYLE system (</en/products/robotic-system-for-automated-sample-preparation-freestyle.html>). It offers no clearly defined robotic platform, instead, the user can compose his own „robotic platform“ at any time, which is in line with the sample sequence to be processed and the accordingly selected method.

## FREESTYLE Overview of Racks

All racks are already integrated in the system software, such that this software-based routine procedure only takes a few seconds to carry out. You find our most common racks and the frames needed in the table below. You will get to pictures of the products by clicking the respective article number. We will be pleased to support you in the selection of the required racks.

Rack	Vials			max. Sample Reservoir	Frame needed?	Place Requirement	Available LCTech Glasses			
	P/N	Volume in mL	Description	max. Dimension height x ø in mm	Number of Pieces	P/N	Width in mm	Vials P/N	Caps P/N	Seals P/N
11920 <a href="/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11920">(/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11920)</a>	1	GC-vial	34 x 11.5	60	11915 <a href="/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11915">(/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11915)</a>	100	V0001	V0001-B	-	
13223 <a href="/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13223">(/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13223)</a>	1	GC-vial	34 x 11.5	60	no	110	V0001	V0001-B	-	
13331 <a href="/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13331">(/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13331)</a>	1.2	GC-vial with cover for light reduction (P/N 13950)	41 x 7	125	no	110	no	no	no	
11926 <a href="/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11926">(/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11926)</a>	4	Vial with screw cap	48 x 15	60	11915 <a href="/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11915">(/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11915)</a>	100	V0004	V0004-SL	V0004-D	
13470 <a href="/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13470">(/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13470)</a>	4	Vial with screw cap	48 x 15	60	no	110	V0004	V0004-SL	V0004-D	



Rack	Vials			max. Sample Reservoir	Frame needed?	Place Requirement	Available LCTech Glasses		
	P/N	Volume in mL	Description	max. Dimension height x ø in mm	Number of Pieces	P/N	Width in mm	Vials P/N	Caps P/N
13134 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13134)	8	Round bottom vial with screw cap	102 x 13	30	11915 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11915)	100	no	no	no
13468 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13468)	8	Vial	102 x 13	30	no	110	no	no	no
11933 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11933)	5	Vial with screw cap (with adapter P/N 10430)	75 x 20.7 (external dimension of adapter)	30	11915 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11915)	100	V0005	V0004-SL	V0004-D
11933 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11933)	16	Vial with screw cap	75 x 20.7	30	11915 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11915)	100	V0016	V0016-SL	V0016-D



FREESTYLE Racks

Rack	Vials			max. Sample Reservoir	Frame needed?	Place Requirement	Available LCTech Glasses		
	P/N	Volume in mL	Description	max. Dimension height x ø in mm	Number of Pieces	P/N	Width in mm	Vials P/N	Caps P/N
13152 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13152)	16	Vial	75 x 20.7	30	no	110	V0016	V0016-SL	V0016-D
13424 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13424)	20	Vial	77.5 x 22.5	30	11915 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11915)	100	no	no	no
13048 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13048)	25	Bottle	76 x 28	30	12103 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12103)	120	F025	V0024-SL	F025-D
12106 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12106)	60	Bottle	143.5 x 28	30	12103 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12103)	120	F060	V0024-SL	V0025-D
13469 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13469)	60	Bottle	143.5 x 28	30	no	160	F060	V0024-SL	V025-D
12107 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12107)	100	Bottle	144 x 42	14	12103 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12103)	120	F100/F100-D	V0025-SL	V0025-D
11962 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11962)	250	Bottle	144 x 60	10	no	150	F250/F250-D	V0025-SL	V0025-D



FREESTYLE Racks

Rack	Vials			max. Sample Reservoir	Frame needed?	Place Requirement	Available LCTech Glasses		
	P/N	Volume in mL	Description	max. Dimension height x ø in mm	Number of Pieces	P/N	Width in mm	Vials P/N	Caps P/N
13153 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13153)	250	Bottle	144 x 60	10	no	160	F250/F250-D	V0025-SL	V0025-D
12992 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12992)*	330	Bottle	141 x 70	8	no	170	F330	V0025-SL	V0025-D
13011 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13011)	380	Bottle	141 x 75	8	no	180	F380	V0025-SL	V0025-D
12000 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12000)*	500	Bottle	180 x 85 - GL45	3	no	110	no	no	no
11994 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11994)*	1000	Bottle	229 x 103 - GL45	3	no	130	no	no	no
13156 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13156)	1000	Bottle	229 x 103	6	no	245	no	no	no



FREESTYLE Racks

Rack	Vials			max. Sample Reservoir	Frame needed?	Place Requirement	Available LCTech Glasses		
	P/N	Volume in mL	Description	max. Dimension height x ø in mm	Number of Pieces	P/N	Width in mm	Vials P/N	Caps P/N
12117 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12117)	5	Test tube	75 x 12	30	11915 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11915)	100	no	no	no
12116 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12116)	14	Test tube	100 x 16	30	11915 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11915)	100	no	no	no
13844 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13844)	28	Test tube	151 x 20 (absorption is possible) 150 x 20 (Schott) 153 x 21 155 x 18	30	12103 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11915)	120	no	no	no
13751 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13751)	50	Sarstedt / FALCON tube	115 x 29.5	30	12103 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12103)	120	no	no	no
13350 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13350)	120	Special Büchhi-type bottle	147.5 x 48	10	no	130	no	no	no
13738 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13738)*	2	Volumetric flask	70 x 10	20	no	80	no	no	no
13739 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13739)*	5	Volumetric flask	70 x 12	20	no	80	no	no	no



FREESTYLE Racks

Rack	Vials			max. Sample Reservoir	Frame needed?	Place Requirement	Available LCTech Glasses		
	P/N	Volume in mL	Description	max. Dimension height x ø in mm	Number of Pieces	P/N	Width in mm	Vials P/N	Caps P/N
11963 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11963)*	100	Round bottom flask	123 x 64 - NS 14/23	10	no	140	no	no	no
11970 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11970)	100	Round bottom flask	110 x 64 - NS 29/32	10	no	140	no	no	no
11976 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11976)*	250	Round bottom flask	145 x 85 - NS 29/32	8	no	180	no	no	no
12599 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12599)*	250	Round bottom flask	140 x 85 - NS 20/40	8	no	180	no	no	no
13823 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13823)*	250	Round bottom flask	140 x 85 - NS 24/29	8	no	180	no	no	no
11979 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11979)*	500	Round bottom flask	175 x 105 - NS 29/32	6	no	220	no	no	no



FREESTYLE Racks

Rack	Vials			max. Sample Reservoir	Frame needed?	Place Requirement	Available LCTech Glasses			
	P/N	Volume in mL	Description	max. Dimension height x ø in mm	Number of Pieces	P/N	Width in mm	Vials P/N	Caps P/N	Seals P/N
11988 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_11988)*	1000	Round bottom flask	200 x 131 - NS 29/32	6	no	270	no	no	no	
12778 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12778)*	80 40	Sample vessel Square vessel	45 x 43 x 72 35 x 36 x 41	5 Sample vessels and 5 Square vessels	12103 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12103)*	120	no	no	no	
12104 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12104)	50	TurpoVap flask	136.5 x 32	14	12103 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12103)*	120	no	no	no	
12105 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12105)*	200	TurpoVap flask	200 x 51	5	12103 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12103)	120	no	no	no	
12721 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12721)*	200	Hettich	110 x 65.5	5	12103 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12103)*	120	no	no	no	
<b>SPE Applications</b>										
13946 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13946)*	1-15	SPE column, SPE glass column, Immunoaffinity column	113 x 18.1 96 x 11 105 x 17 ID	18	12103 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12103)*	120	no	no	no	
12399 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12399)	2 x 60	Bottle for H53-method	143.5 x 28	12	12103 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_12103)	120	F060	V0024-SL	V0025-D	



FREESTYLE Racks

Rack	Vials			max. Sample Reservoir	Frame needed?	Place Requirement	Available LCTech Glasses		
P/N	Volume in mL	Description	max. Dimension height x $\phi$ in mm	Number of Pieces	P/N	Width in mm	Vials P/N	Caps P/N	Seals P/N
Completely Automated Sample Preparation for the Analysis of Mycotoxins (ThermELUTE™ Module)									
13497 (/en/products/robotik-system-zur-automatisierten-probenvorbereitung-freestyle/freestyle-racks.html#Rack_13497)	-	AflaCLEAN SMART, AflaCLEAN M1 SMART, OtaCLEAN SMART (Immunoaffinity columns)	-	60	11915 (/produkte/freestyle-system/racks/#Rack_11915)	100	Immunoaffinity columns SMART are provided by LCTech for aflatoxins B1, B2, G1, G2, M1 and ochratoxin A (p/n 12863, 14246 and 13346)		

\*only for collection / not for evaporation

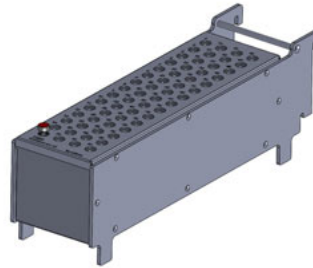
P/N Description	Picture	Vial, bottle maximum dimensions
11915 Frame		
12103 Frame		
11920 1 mL GC-Vials Rack for 60 samples		V0001 34 x 11,5 mm 
	Frame 11915 with Rack 11920	





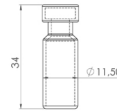
FREESTYLE Racks

**13223**  
1 mL GC-Vials  
Rack for 60 samples  
  
thermostated



Rack 13223

V0001  
34 x 11,5 mm



**13331**  
1.2 mL GC-Vials  
Rack for 125 samples  
  
thermostated



Rack 13331

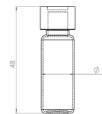
41 x 7 mm  
13331-gc-1-2ml

**11926**  
4 mL Vials  
Rack for 60 samples



Frame 11915 with Rack 11926

V0004  
48 x 15 mm

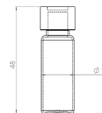


**13470**  
4 mL Vials  
Rack for 60 samples  
  
thermostated



Rack 13470

V0004  
48 x 15 mm

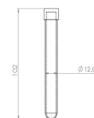


**13134**  
8 mL Vials  
Rack for 30 samples



Frame 11915 with Rack 13134

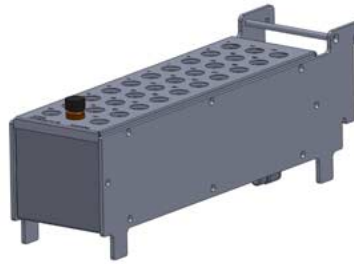
102 x 12,8 mm



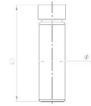


FREESTYLE Racks

**13468**  
8 mL Vials  
Rack for 30 samples  
  
thermostated



102 x 12,8 mm

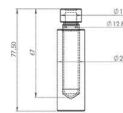


Rack 13468

**11933**  
5 mL Vials  
Rack for 30 samples  
\*\*Adapter 10430 is needed.

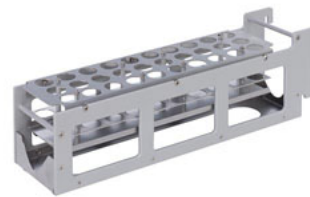


V0005  
77,5 x 21 mm

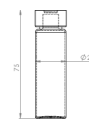


Frame 11915 with Rack 11933

**11933**  
16 mL Vials  
Rack for 30 samples



V0016  
75 x 20,7 mm

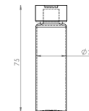


Frame 11915 with Rack 11933

**13152**  
16 mL Vials  
Rack for 30 samples  
  
thermostated



V0016  
75 x 20,7 mm

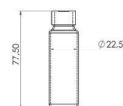


Rack 13152

**13424**  
20 mL Vials  
Rack for 30 samples



77,5 x 22,5 mm



Frame 11915 with Rack 13424



FREESTYLE Racks

**13048**  
25 mL bottles  
Rack for 30 samples

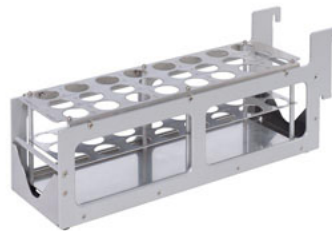


F025  
76 x 28 mm

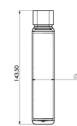


Frame 12103 with Rack 13048

**12106**  
60 mL bottle  
Rack for 30 samples



F060  
143,5 x 28 mm

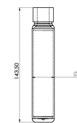


Frame 12103 with Rack 12106

**13469**  
60 mL bottle  
Rack for 30 samples  
  
thermostated



F060  
143,5 x 28 mm



Rack 13469

**12107**  
100 mL bottle  
Rack for 14 samples



F100 / F100-D  
144 x 42 mm



Frame 12103 with Rack 12107

**11962**  
250 mL bottle  
Rack for 10 samples



F250 / F250-D  
144 x 60 mm



Rack 11962



FREESTYLE Racks

**13153**

250 mL bottles  
Rack for 10 samples

thermostated



Rack 13153

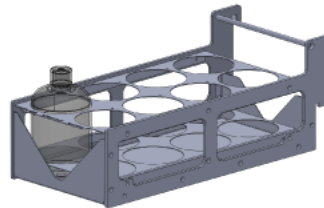
F250 / F2350-  
D

144 x 60 mm



**12992**

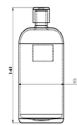
330 mL bottle  
Rack for 8 samples



Rack 12992

F330

141 x 70 mm



**13011**

380 mL bottle  
Rack for 8 samples



Rack 13011

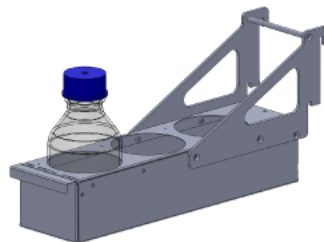
F380

141 x 75 mm



**12000**

500 mL bottle  
Rack for 3 samples



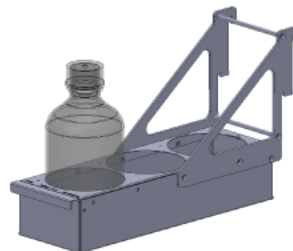
Rack 12000

180 x 85 mm  
GL45



**11994**

1000 mL bottle  
Rack for 3 samples



Rack 11994

229 x 103 mm  
GL45





FREESTYLE Racks

**13156**  
1000 mL bottle  
Rack for 6 samples



Rack 13156

229 x 103 mm

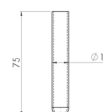


**12117**  
5 mL test tubes  
Rack for 30 samples



Frame 11915 with Rack 12117

75 x 12 mm

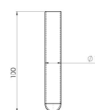


**12116**  
14 mL test tubes  
Rack for 30 samples



Frame 11915 with Rack 12116

100 x 16 mm

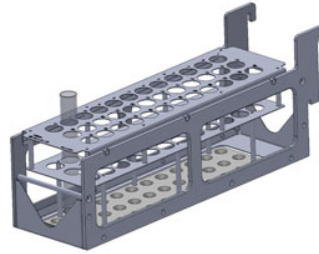




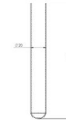
FREESTYLE Racks

13844

28 mL test tubes  
Rack for 36 samples



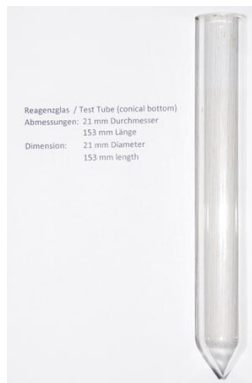
151 x 20 mm  
(absorption is possible)



150 x 20 mm  
(Schott)



153 x 21 mm

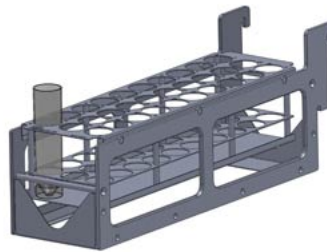


155 x 18 mm



13751

50 mL Sarstedt tubes  
Rack for 30 samples



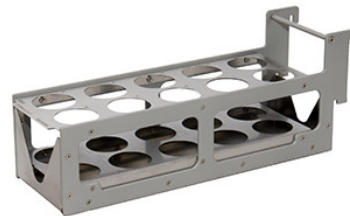
115 x 29,50 mm



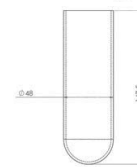
Fame 12103 with Rack 13751

13350

120 mL Büchi bottles  
Rack for 10 samples



147,5 x 48mm



Rack 13350

13738

2 mL volumetric flask  
Rack for 20 samples



70 x 10 mm



shown here  
with cap

Rack 13738



FREESTYLE Racks

**13739**

5 mL volumetric flask  
Rack for 20 samples



Rack 13739

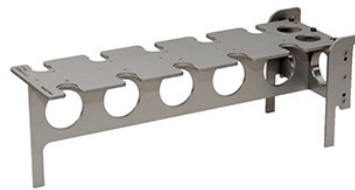
70 x 12 mm



shown here  
with cap

**11963**

100 mL Round bottom flask  
Rack for 10 samples



Rack 11963

123 x 64 mm



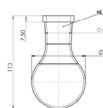
**11970**

100 mL Round bottom flask  
Rack for 10 samples



Rack 11970

110 x 64 mm  
NS 29/32



**11976**

250 mL Round bottom flask  
Rack for 8 samples



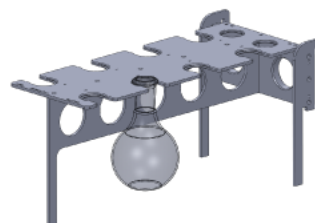
Rack 11976

145 x 85 mm  
NS 29/32



**12599**

250 mL Round bottom flask  
Rack for 8 samples



Rack 12599

140 x 85 mm  
NS 20/40

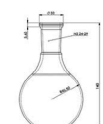


**13823**

250 mL Round bottom flask  
Rack for 8 samples



140 x 85 mm  
NS 24/29





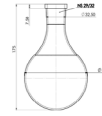
FREESTYLE Racks

11979

500 mL Round bottom flask  
Rack for 6 samples



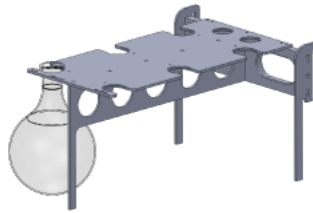
175 x 105 mm  
NS 29/32



Rack 11979

11988

1000 mL Round bottom flask  
Rack for 6 samples



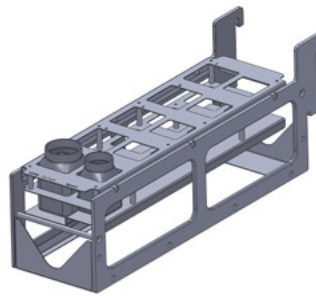
200 x 131 mm  
NS 29/32



Rack 11988

12778

80 mL sample vessels  
40 mL square vessels  
Rack for 5 samples and 5 vessels



45 x 43 x 72  
mm sample  
vessel



35 x 35 x 61  
mm square  
vessel



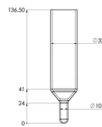
Rack 12778

12104

50 mL TurboVap  
Rack for 14 samples



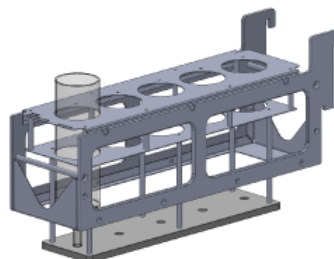
136,5 x 32 mm



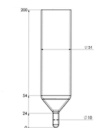
Frame 12103 with Rack 12104

12105

200 mL TurboVap  
Rack for 5 samples



200 x 51 mm



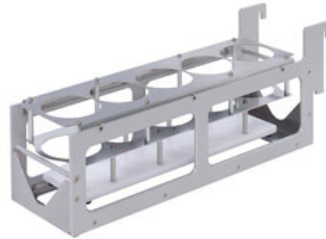
Frame 12103 with Rack 12105





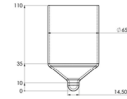
## FREESTYLE Racks

**12721**  
200 mL Hettich  
Rack for 5 samples

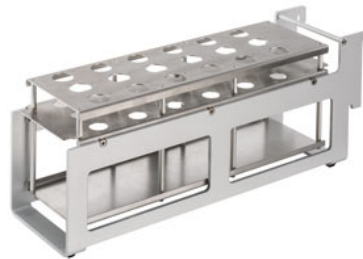


Frame 12103 with Rack 12721

110 x 65,5 mm



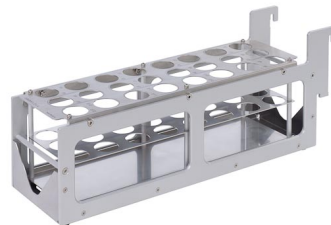
**13946**  
1 - 15 mL SPE column, SPE glass column  
or IAC column  
Rack for 18 samples



e.g. 15 mL  
column  
113 x 18,10 mm

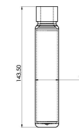


**12399**  
2x 60 mL bottles  
Rack for 12 samples



Frame 12103 with Rack 12399

F060  
143,5 x 28 mm



**13497**  
AflaCLEAN resp. OtaCLEAN SMART  
(IAC columns)



Frame 11915 with rack 13497  
Rack for 60 columns

3 cm high

