

Disposal

Hazardous Vapors under Control.

- ✓ Closed system
- ✓ Clean laboratory air
- ✓ Standardised connections



Level control.

Knowing in time when the container has reached the maximum fill level.

Connection to system.

The pipe system is connected here.

Sensor cabling / grounding.

This cable sends the signal to the Signalbox and at the same time grounds the corresponding component.

The screw cap.

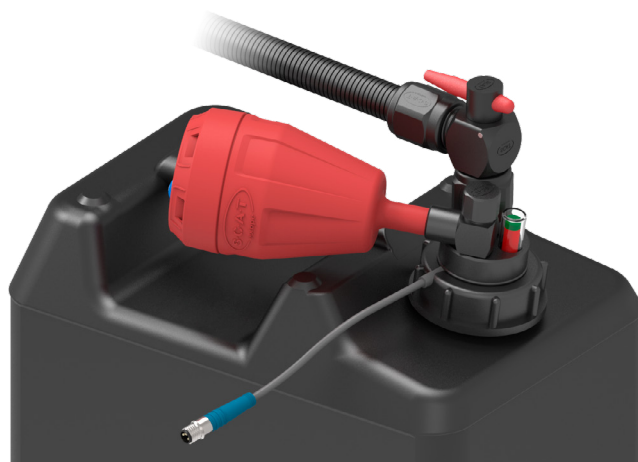
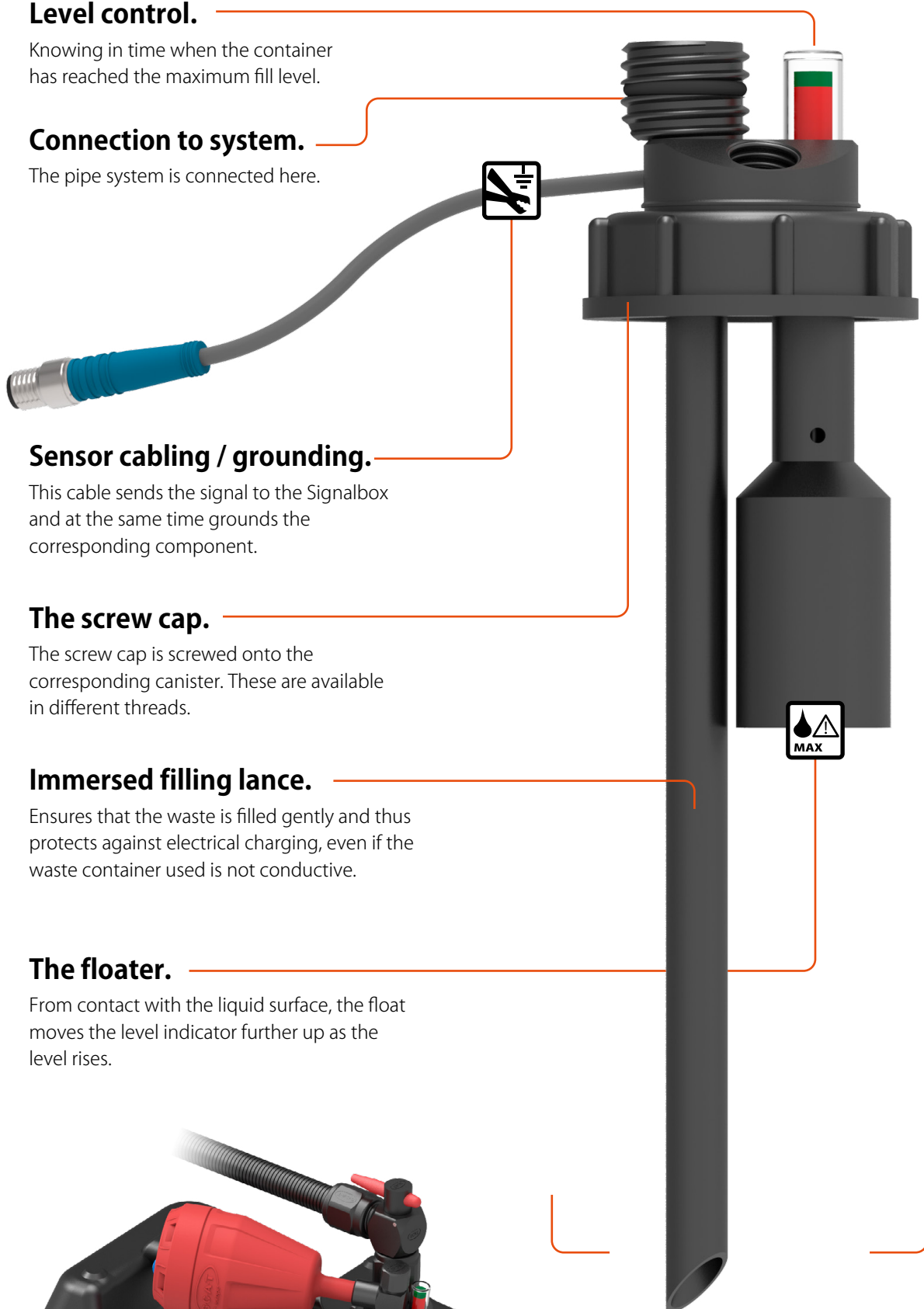
The screw cap is screwed onto the corresponding canister. These are available in different threads.

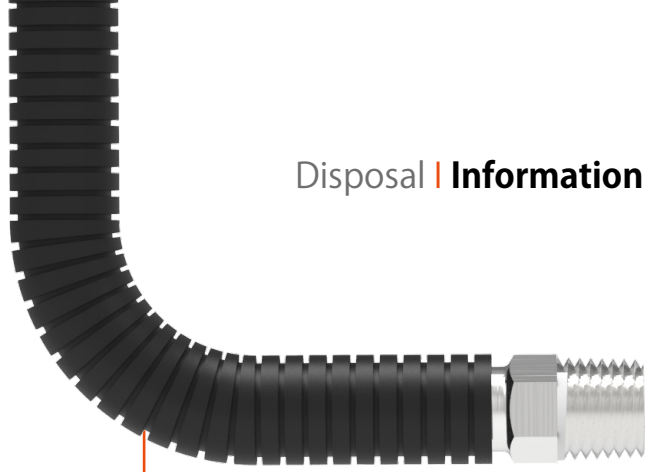
Immersed filling lance.

Ensures that the waste is filled gently and thus protects against electrical charging, even if the waste container used is not conductive.

The floater.

From contact with the liquid surface, the float moves the level indicator further up as the level rises.





Exhaust ventilation tube.

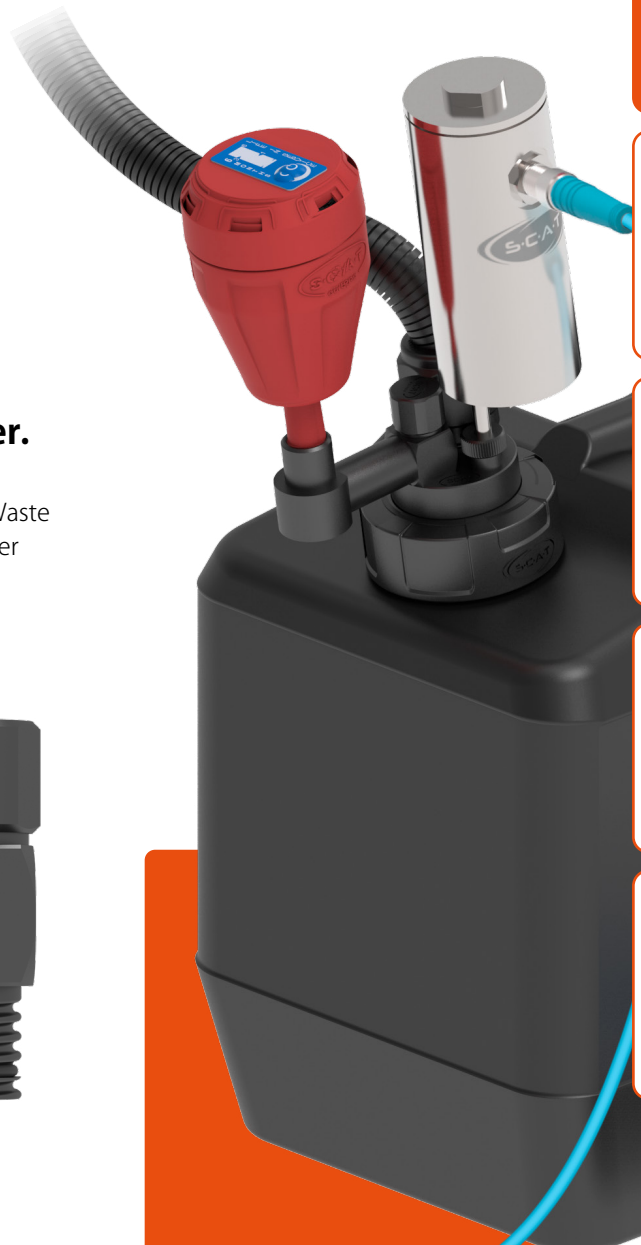
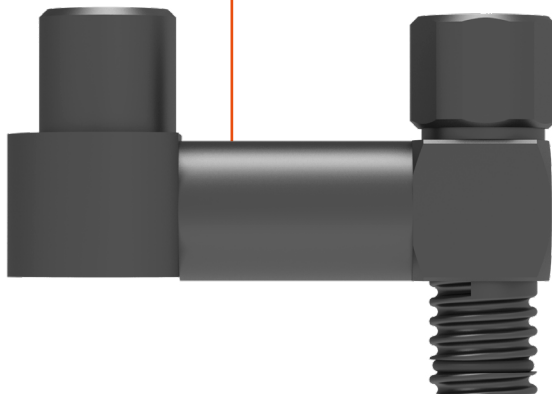
The exhaust ventilation tube conducts vapors directly into the ventilation system installed in the laboratory. It is used in place of the exhaust air filter.

Exhaust filter.

The exhaust filter filters the vapors escaping from the container. This keeps the air in the laboratory clean.

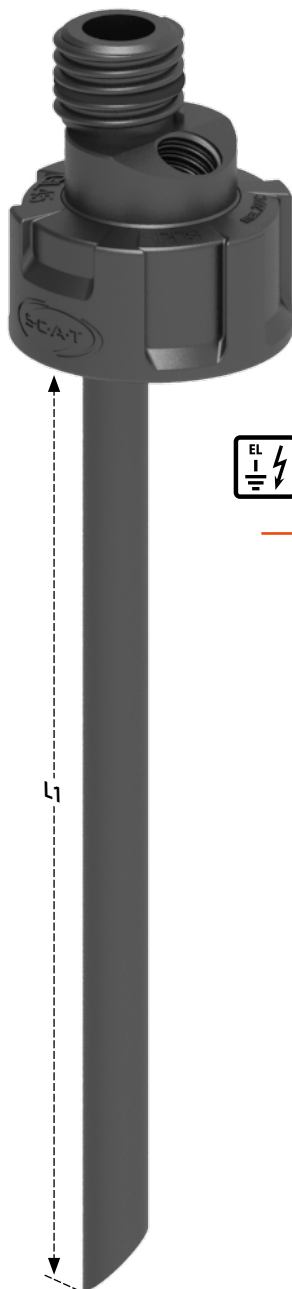
Angled adapter.

If there is not enough space on the Safety Waste Cap, an angled adapter can be the solution.



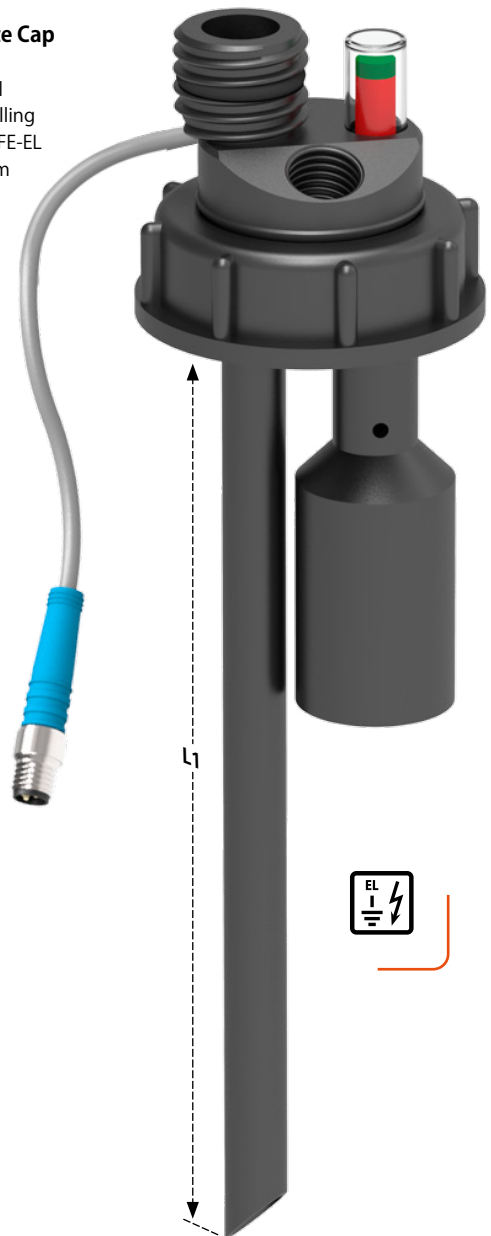
A
106 527
Safety Waste Cap

- Immersed filling
- Material: PTFE-EL
- L1 = 200 mm
- GL45



B
106 478
Safety Waste Cap

- Electronic level control
- Immersed filling
- Material: PTFE-EL
- L1 = 200 mm
- S55



Safety Waste Caps with electronic level control are ATEX compliant for use in potentially explosive areas! Labelling:
II 2G Ex ia IIB T6 Gb

Fig.	Part No.	Description	Material
A	106 527	Safety Waste Cap, GL45	PTFE-EL
B	106 478	Safety Waste Cap, S55 with electronic level control	PTFE-EL
	106 522	Safety Waste Cap, S55	PTFE-EL

- ✓ **ATEX compliant**
- ✓ **PTFE - EL**
- ✓ **Connection for electronic level control**



B
306 581
Safety Waste Cap
• S60/61
• Capacitive sensor
• Material: PTFE-EL
• L1 = 110 mm



A
106 480
Safety Waste Cap
• Material: PTFE-EL
• S60/61



C
306 482
Safety Waste Cap
• S60/61
• Material: PTFE-EL



Safety Waste Caps with electronic level control are ATEX compliant for use in potentially explosive areas! Labelling: **II 2G Ex ia IIB T6 Gb**

Fig.	Part No.	Description	Material
A	106 480	Safety Waste Cap, S60/61 with electronic level control	PTFE-EL
	106 484	Safety Waste Cap, S90 with electronic level control	PTFE-EL
B	306 581	Safety Waste Cap S60/61 with capacitive sensor	PTFE-EL
C	306 482	Safety Waste Cap S60/61	PTFE-EL



Fig.	Part No.	Description	Material
A	410 534	1x Exhaust Filter S, V3.0, with splash protection and change indicator, service life 3 months	PP
	490 335	4x Exhaust Filter S, V3.0, with splash protection and change indicator, service life 12 months	PP
B	410 535	1x Exhaust Filter M, V3.0, with splash protection and change indicator, service life 6 months	PP
	490 336	2x Exhaust Filter M, V3.0, with splash protection and change indicator, service life 12 months	PP
C	407 982	1x Exhaust Filter M, V3.0, with splash protection and change label, service life 6 months	PP
	490 914	2x Exhaust Filter M, V3.0, with splash protection and change label, service life 12 months	PP
D	407 986	1x Exhaust Filter L, V3.0, with splash protection and change indicator, service life 12 months	PP
	490 986	2x Exhaust Filter L, V3.0, with splash protection and change indicator, service life 24 months	PP

✓ **Three types of active carbon for more safety!**

Functional layers!

For yet more safety, there are three different types of active carbon (layered), offering a broad spectrum of capabilities, as well as more functions, e.g. HPLC buffer solutions are now also bound:

3rd layer - binds acids

2nd layer - binds alkalis

1st layer - adsorbs solvent vapors

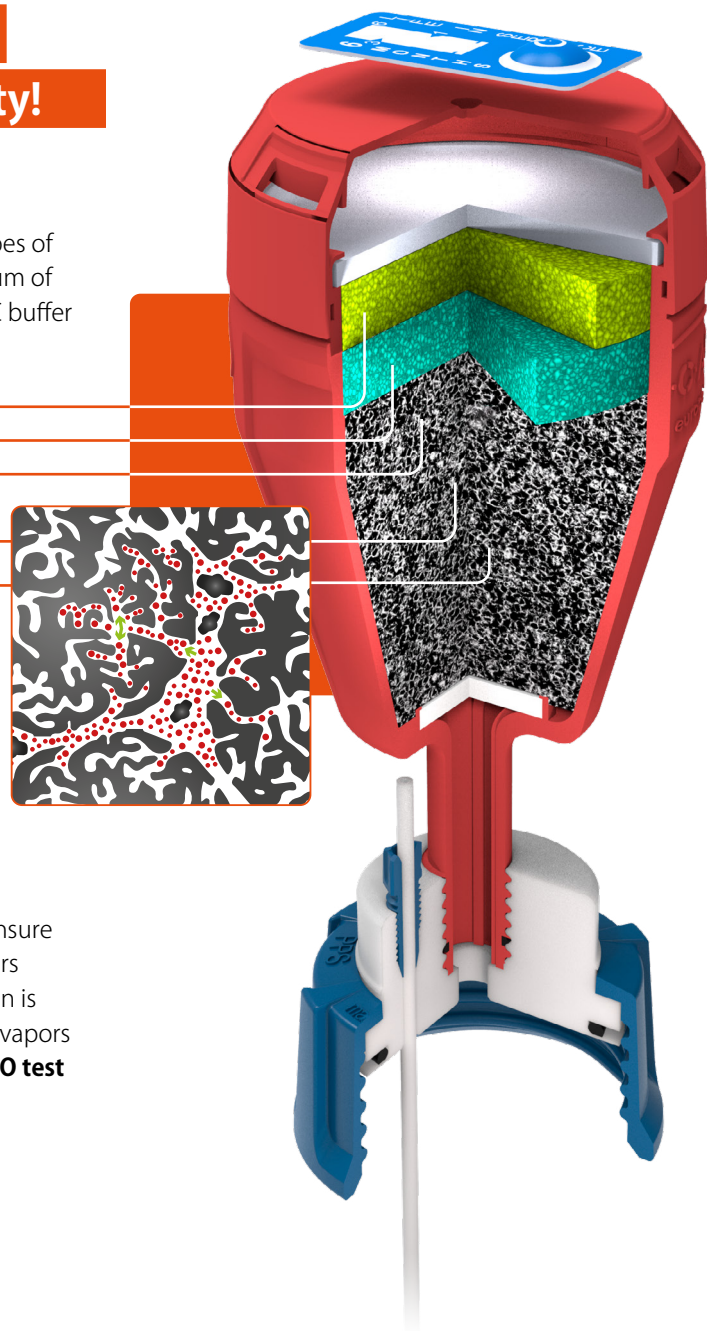
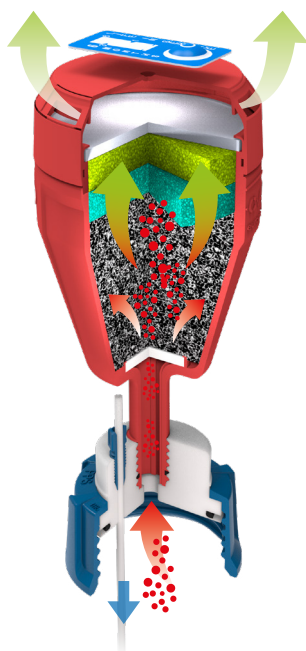
> 90% CTC adsorption

The ability to bind has been increased by 20%!

1,500 m²/g

The inner adsorption surface area has been increased by 25%!

SCAT Exhaust filters block harmful vapors and ensure safe pressure equalization in the waste containers of your HPLC systems. Our basic activated carbon is optimised for the absorption of organic solvent vapors and **tested according to official ASTM / DIN / ISO test methods.**



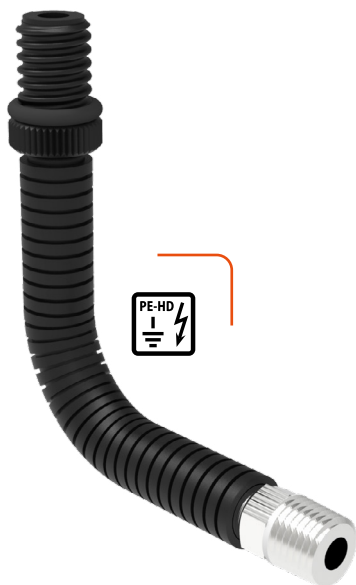
		Test method
Ball-pan-hardness (weight percent)	96 %	ASTM D 3802
Inner surface	1,500 m ² /g	DIN ISO 9277
Tapped density	415 ± 30 kg/m ³	ASTM D 2854
CTC Adsorption (weight percent)	> 90 %	ASTM D 3467
Grain diameter	1.4 - 3 mm	ASTM D 2862
Ash content (weight percent)	max. 5 %	ASTM D 2866
Water content (weight percent)	max. 5 %	ASTM D 2867



Fig.	Part No.	Description	Material
A	107 622	Offset adapter, 90°, long	PE-HD-EL
B	107 627	Offset adapter, 45°	PE-HD-EL
C	107 621	Extension for exhaust filter	PE-HD-EL
D	107 624	Offset adapter for exhaust filter, 90°	PE-HD-EL

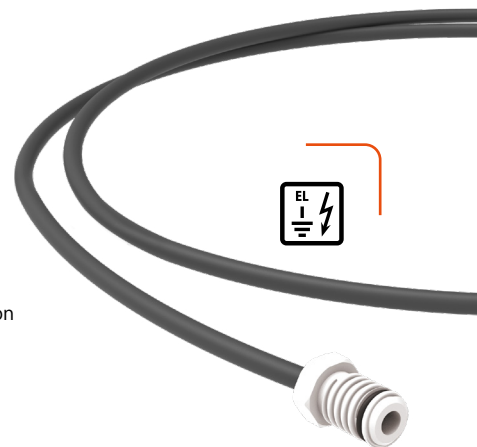
A
106 490
Exhaust ventilation tube

- Length 1500 mm
- GL14 (m)
- NPT1/4"



B
106 693
Exhaust ventilation tube

- Non-return function
- Length 2000 mm
- GL14 (m)
- NPT1/4"



Intro

Filling Units

Pipe and Tube System

Disposal

Level Control

High Flow Solution

FLEX

Accessory



✓ **Can be used in the safety cabinet.**

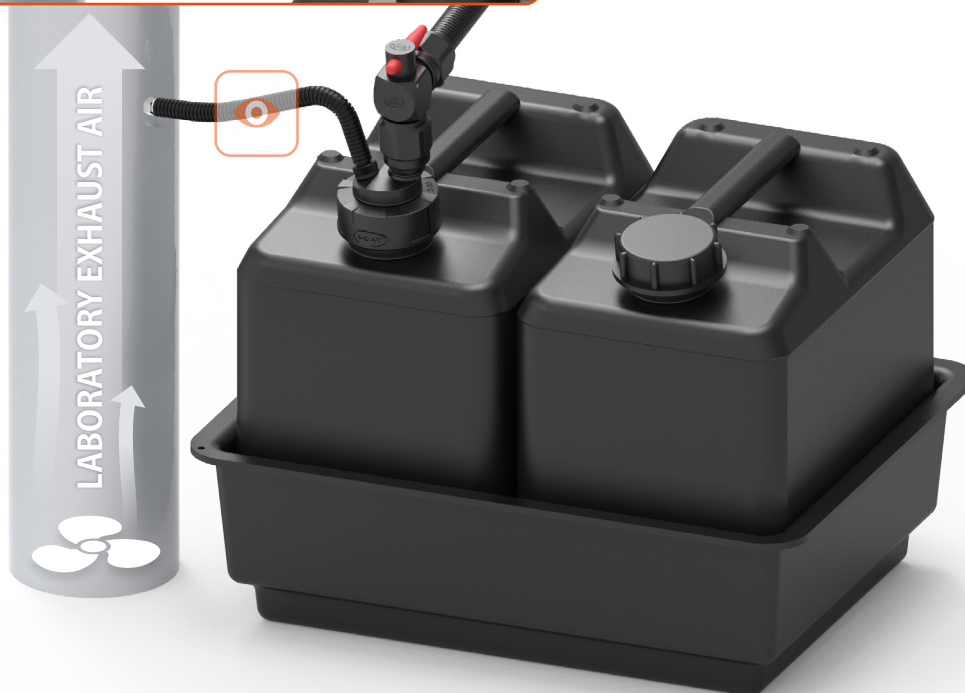


Fig.	Part No.	Description	Material
A	106 490	Exhaust ventilation tube, 1500 mm, GL14 (m) NPT1/4"	PE-HD-EL
B	106 693	Exhaust ventilation tube with non-return function, 2000 mm, GL14 (m)	PTFE-EL

B
700 002
Multilayer
Carboy Canister

- PE-HD-EL
- 5 Liter
- S60/61
- 1.3 lbs



C
700 003
Multilayer
Carboy Canister

- PE-HD-EL
- 10 Liter
- S60/61
- 1.8 lbs



D
700 004
Multilayer
Carboy
Canister

- PE-HD-EL
- 20 Liter
- S60/61
- 3.1 lbs



A
700 001
Round
Drum

- PE-HD
- 60 Liter
- S60/61
- 8.0 lbs



E
700 005
Carboy
Canister

- PE-HD
- 20 Liter
- S60/61
- 2.7 lbs

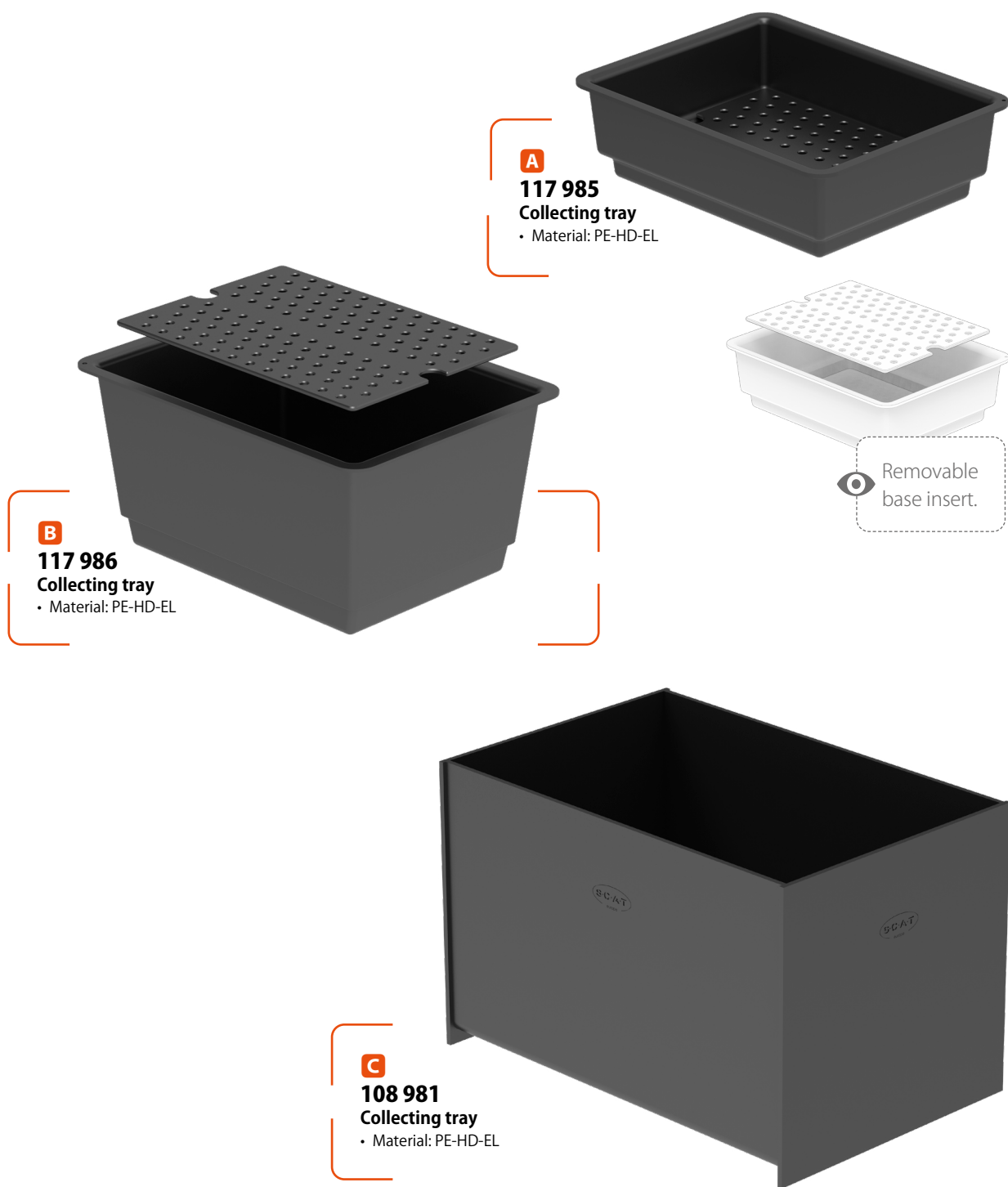


F
700 006
Carboy
Canister

- PE-HD
- 10 Liter
- S60/61
- 2.1 lbs



Fig.	Part No.	Thread	Content	Description	Classification	Dimensions	Material	
A	700 001	S60/61	60 Liter (15 Gal.)	Round drum with handle, natural color	UN-Y approved	FDA approved	14.19"Ø x 26.25"H	PE-HD
B	700 002	S60/61	5 Liter (1.32 Gal.)	Multilayer carboy canister with handle, natural color, groundable	UN-Y approved	Meets FDA standards	6.46"L x 7.64"W x 9.02"H	PE-HD-EL
C	700 003	S60/61	10 Liter (2.64 Gal.)	Multilayer carboy canister with handle, natural color, groundable	UN-Y approved	Meets FDA standards	7.17"L x 9.13"W x 12.24"H	PE-HD-EL
D	700 004	S60/61	20 Liter (5.28 Gal.)	Multilayer carboy canister with handle, natural color, groundable	UN-Y approved	Meets FDA standards	9.65"L x 11.42"W x 15.71"H	PE-HD-EL
E	700 005	S60/61	20 Liter (5.28 Gal.)	Carboy canister with handle, natural color	UN-Y approved	Meets FDA standards	11.5"L x 9.75"W x 15.38"H	PE-HD
F	700 006	S60/61	10 Liter (2.64 Gal.)	Carboy canister with handle, natural color	UN-Y approved	Meets FDA standards	11.22"L x 9.45"W x 9.72"H	PE-HD



A
117 985
Collecting tray
• Material: PE-HD-EL

B
117 986
Collecting tray
• Material: PE-HD-EL

C
108 981
Collecting tray
• Material: PE-HD-EL

Removable
base insert.

Fig.	Part No.	Description	Material
A	117 985	Collecting tray with base insert, PE-HD electrostatic conductive, Dimensions (W x H x D): 285 x 95 x 385 mm (inside), Dimensions (W x H x D): 355 x 135 x 445 mm (outside)	PE-HD-EL
B	117 986	Collecting tray with base insert, PE-HD electrostatic conductive, Dimensions (W x H x D): 295 x 200 x 415 mm (inside), Dimensions (W x H x D): 365 x 240 x 490 mm (outside)	PE-HD-EL
C	108 981	Collecting tray, PE-HD electrostatic conductive, Dimensions (W x H x D): 200 x 200 x 300 mm (inside), Dimensions (W x H x D): 225 x 215 x 325 mm (outside)	PE-HD-EL