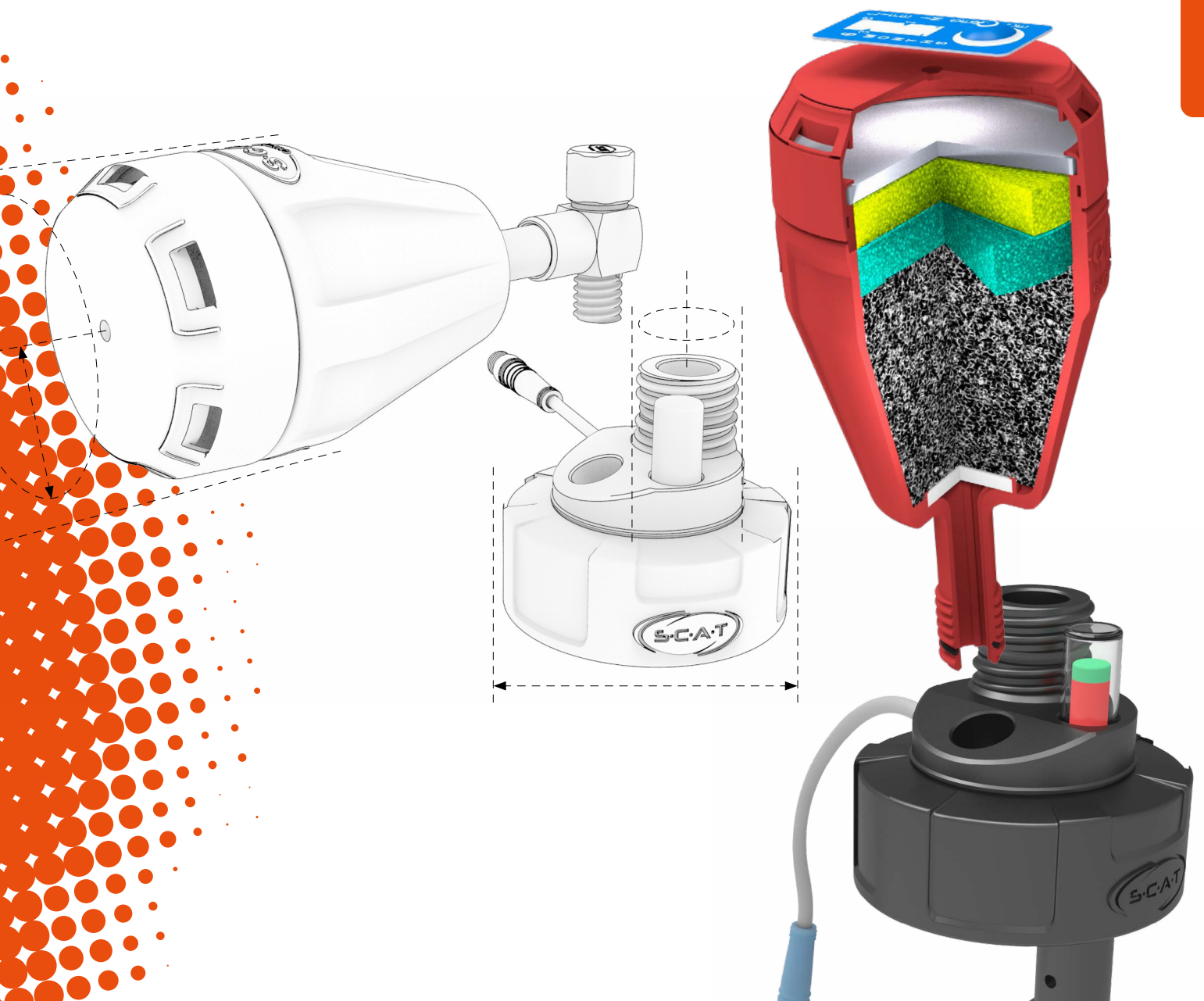


Disposal

Hazardous Vapours under Control.

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



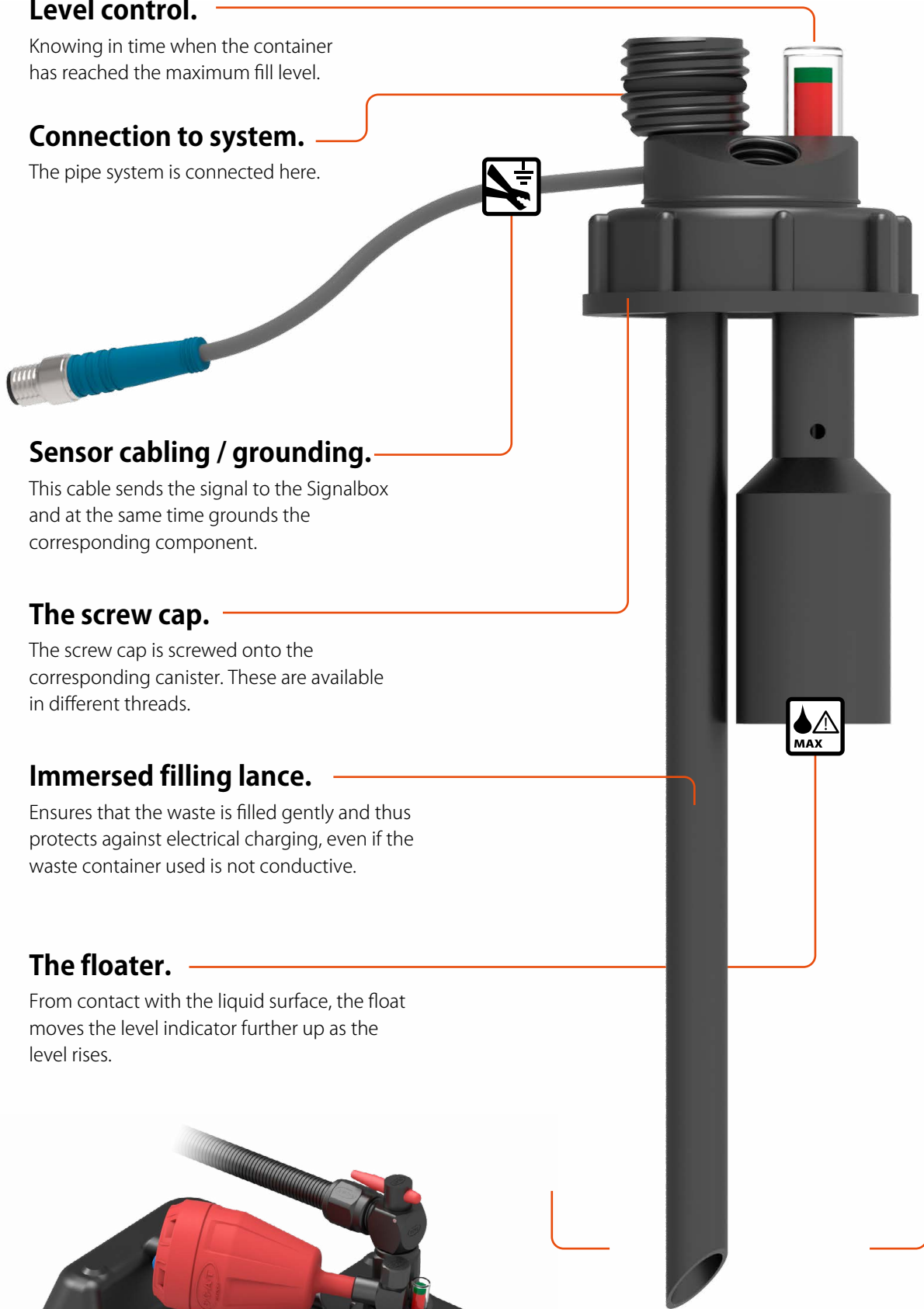
Disposal

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.

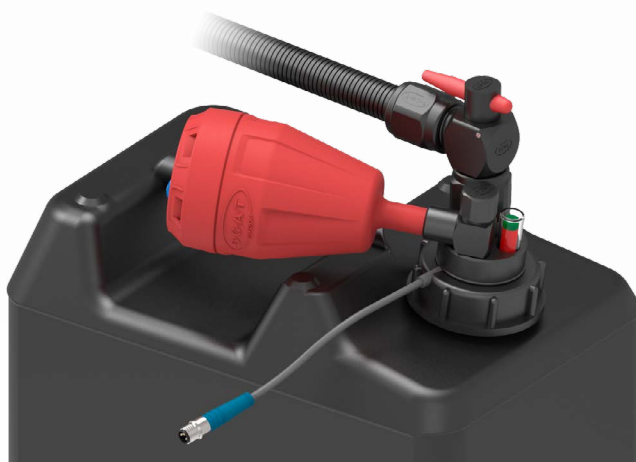
The screw cap is screwed onto the corresponding canister. These are available in different threads.

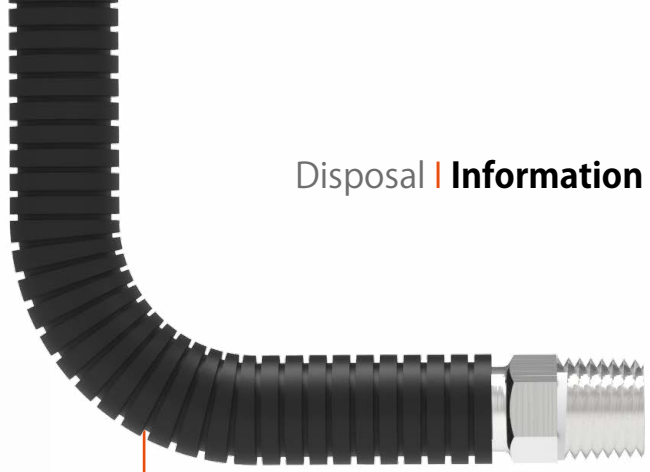
Immersed filling lance.

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.

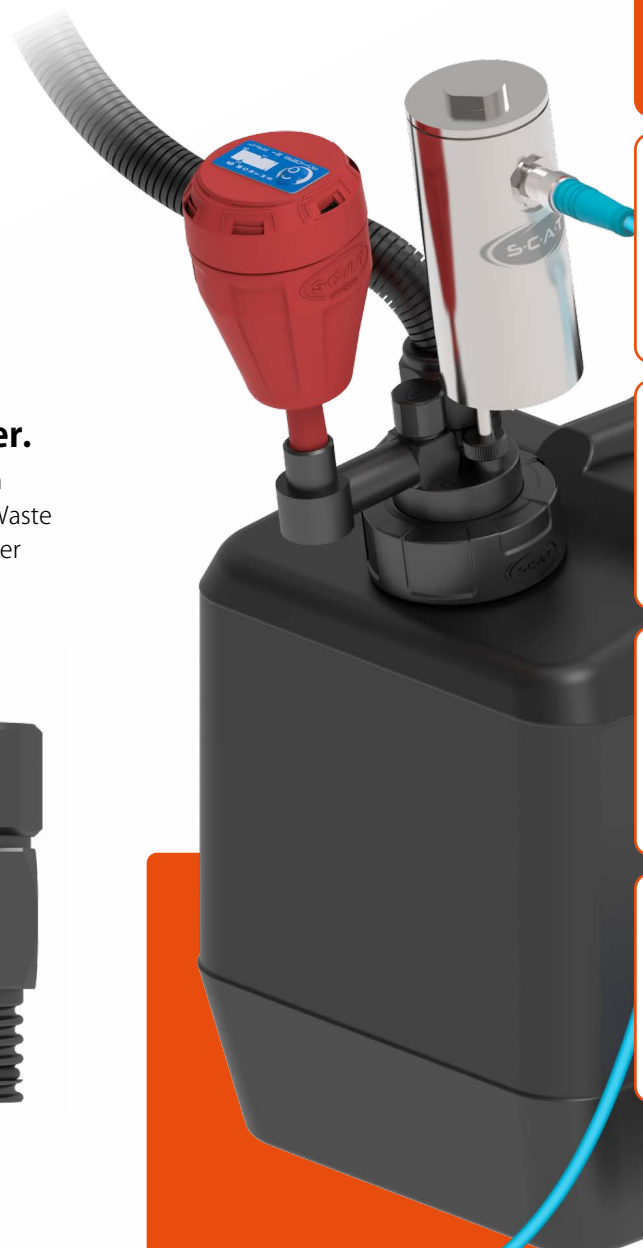
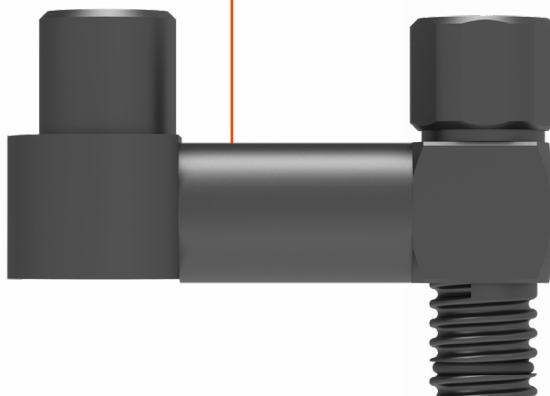
The exhaust ventilation tube conducts vapours directly into the ventilation system installed in the laboratory. It is used in place of the exhaust air filter.

Exhaust filter.

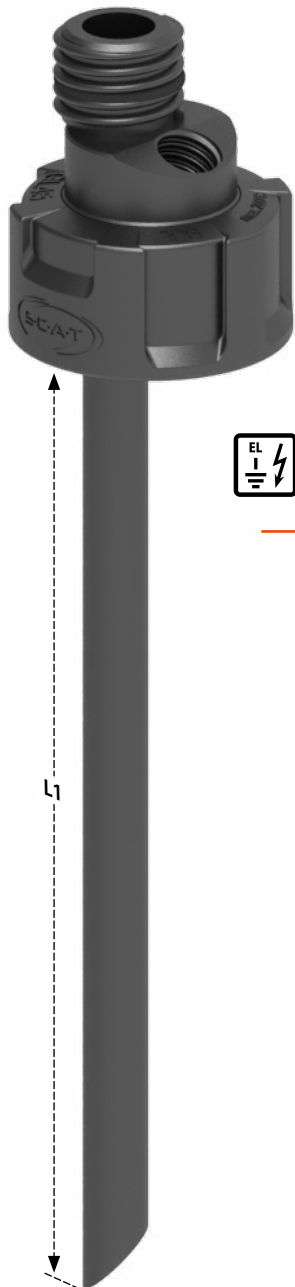
The exhaust filter filters the vapours escaping from the container. This keeps the air in the laboratory clean.

Angled adapter.

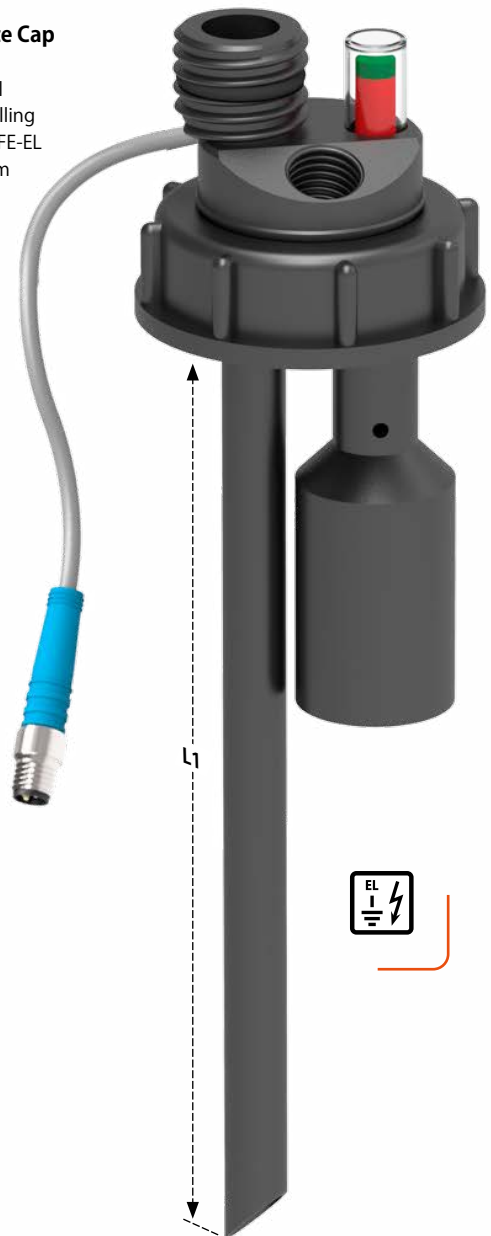
If there is not enough space on the Safety Waste Cap, an angled adapter can be the solution.



- 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



A
410 534
Exhaust Filter M V3.0
• With splash protection
• Change indicator
• 3 Months service life



B
410 535
Exhaust Filter M V3.0
• With splash protection
• Change indicator
• 6 Months service life



C
407 982
Exhaust Filter M V3.0
• With splash protection
• Change label
• 6 Months service life



D
407 986
Exhaust Filter L V3.0
• With splash protection
• Change indicator
• 12 Months service life

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 vapours

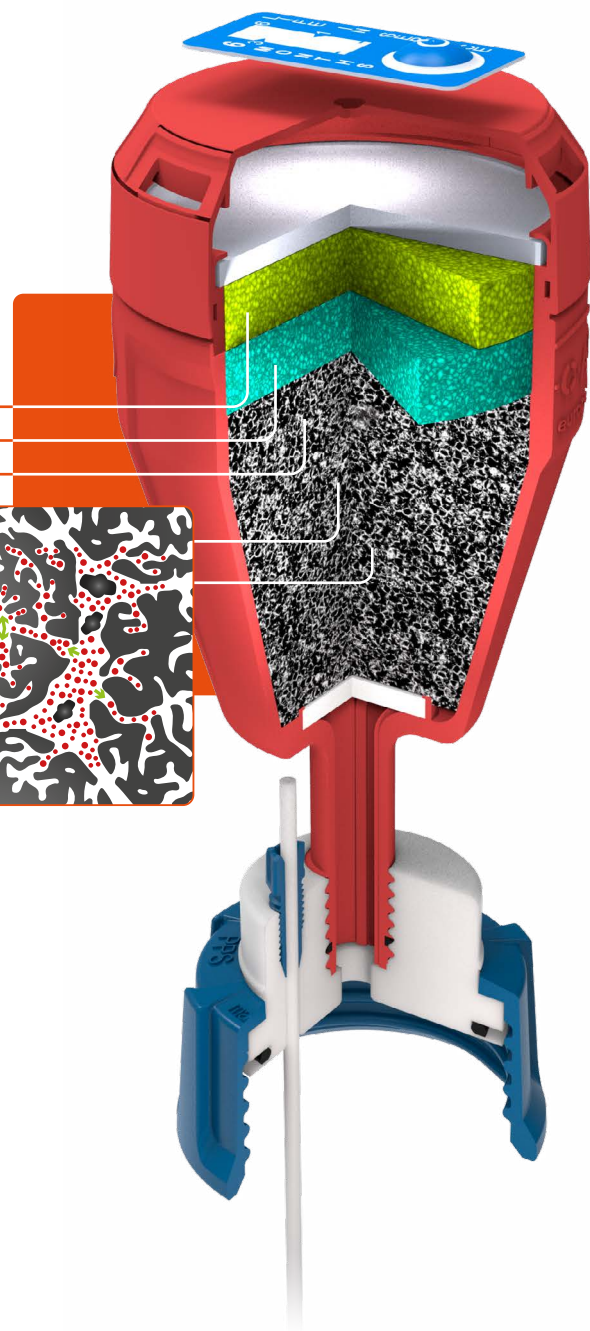
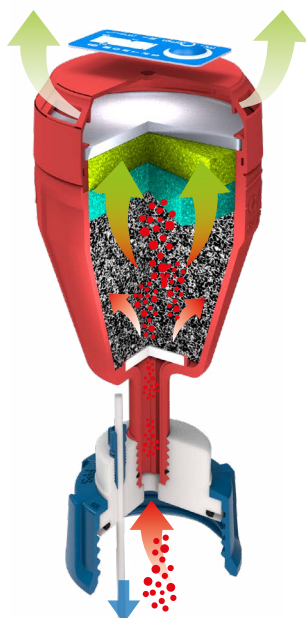
> 90% CTC adsorption

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 vapours 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 vapours 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

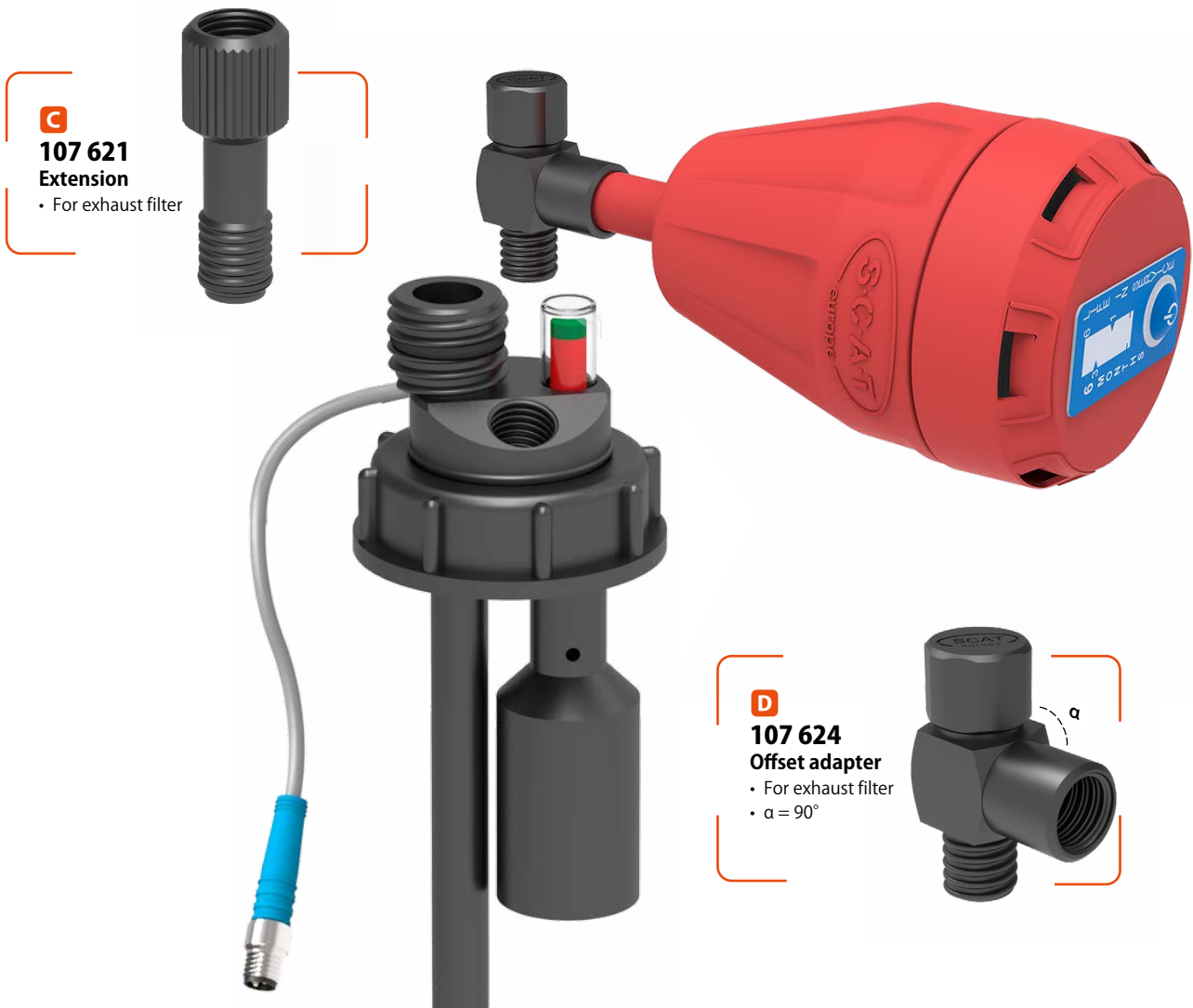
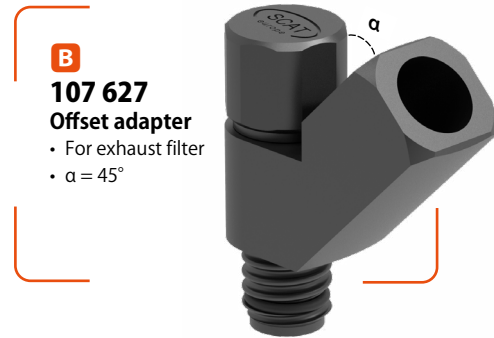
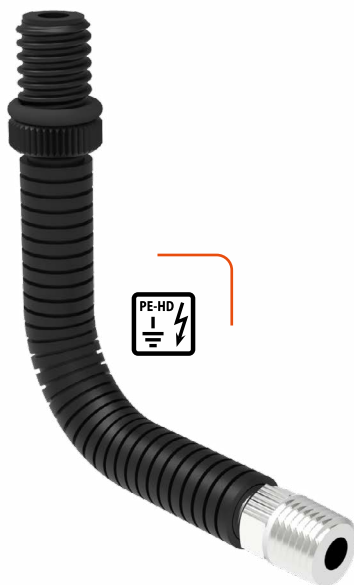
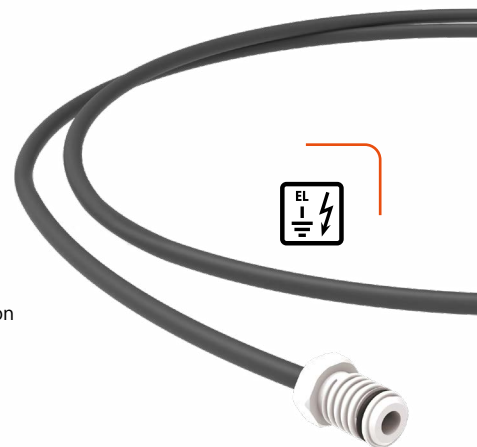


Fig.	Part No.	Description	Material
A	107 622	Offset adapter, 90°, long	PE-HD-EL
B	107 627	Offset adapter, 45°	PE-HD-EL
C	107 621	Extension for exhaust filter	PE-HD-EL
D	107 624	Offset adapter for exhaust filter, 90°	PE-HD-EL

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"



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

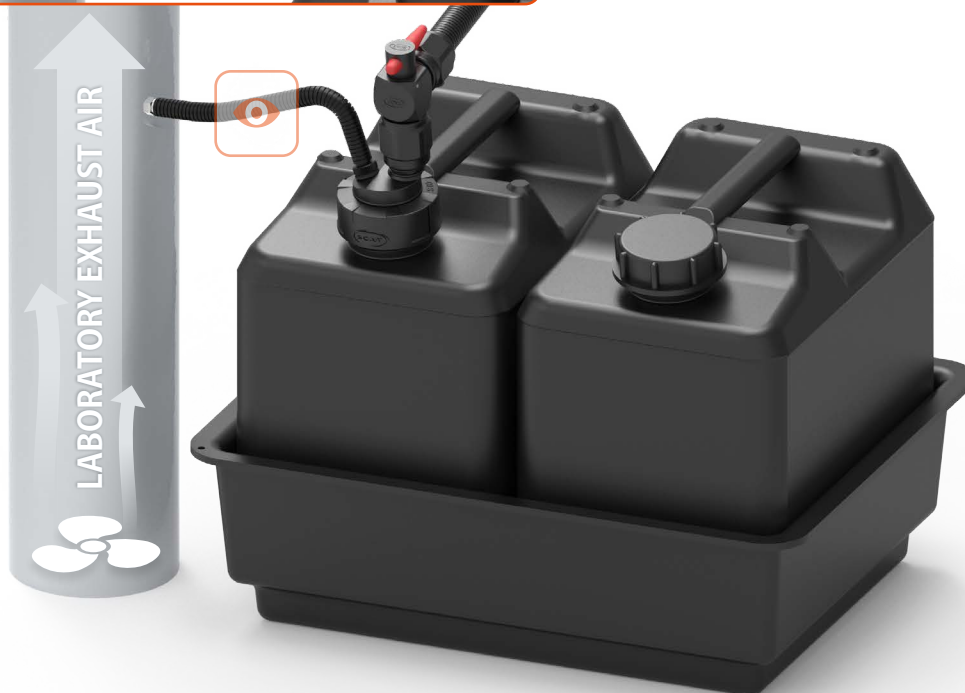


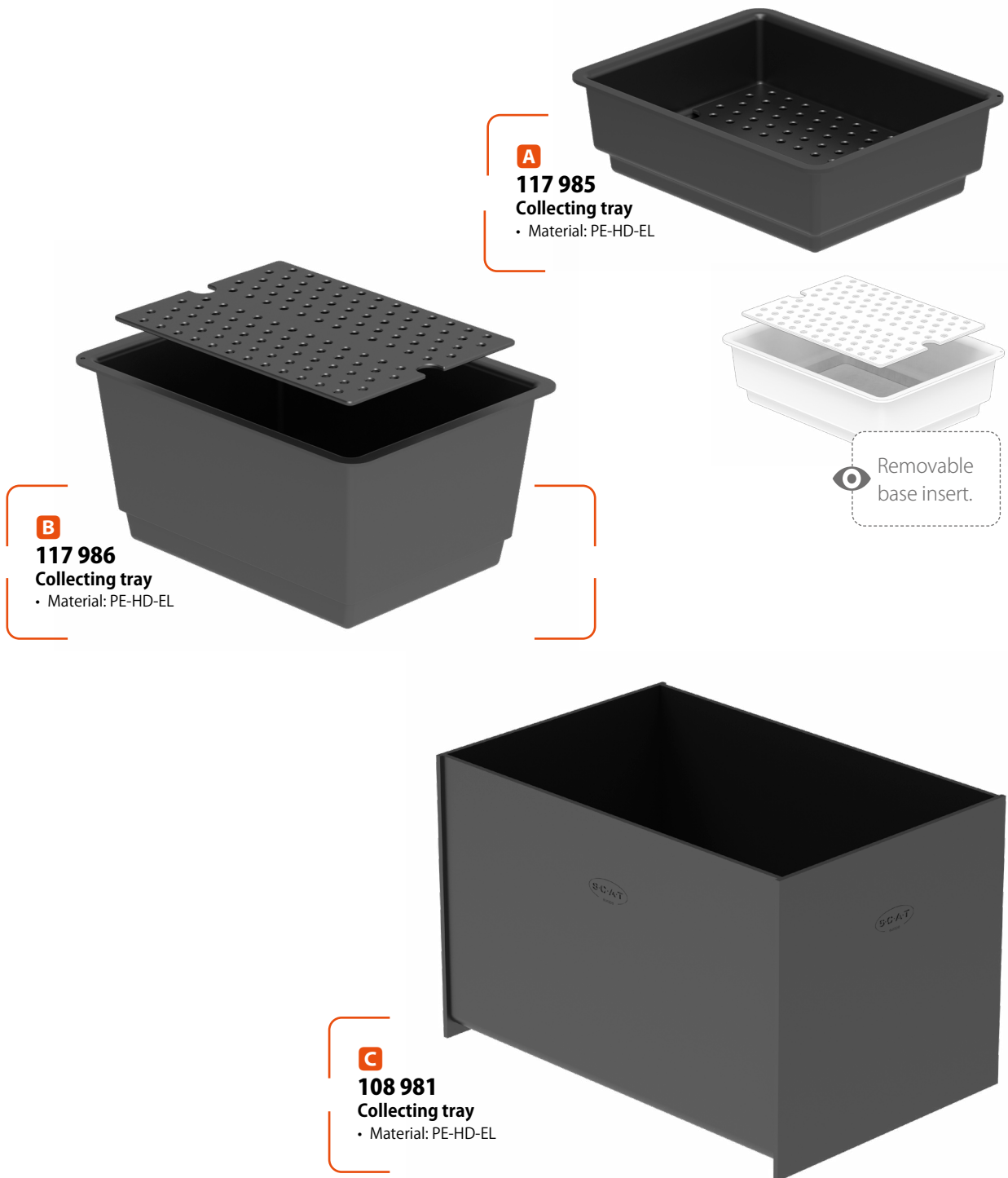
Fig.	Part No.	Description	Material
A	106 490	Exhaust ventilation tube, 1500 mm, GL14 (m) NPT1/4"	PE-HD-EL
B	106 693	Exhaust ventilation tube with non-return function, 2000 mm, GL14 (m)	PTFE-EL



SCAT SymLine **Safety Notice**

According to TRGS 727, paragraph 4.5.5, the largest permissible container volume in zone 1 for non-conductive containers is 5 litres. Even when working with aqueous solutions that are highly conductive, this regulation must not be deviated from, since when working with flammable liquids in the immediate vicinity of the container, an explosive Atmosphere is created as generally defined for Zone 1.

Fig.	Part No.	Thread	Content	UN-Approval	Special feature	W x H x D in mm	Material
A	108 214	S60/61	10 litres	No	with a blue stripe	185 x 265 x 290	PE-HD-EL
B	108 215	S60/61	10 litres	No	with a yellow stripe	185 x 265 x 290	PE-HD-EL
C	108 216	S60/61	10 litres	No	with red stripe	185 x 265 x 290	PE-HD-EL
D	108 217	S60/61	10 litres	No	with a green stripe	185 x 265 x 290	PE-HD-EL
E	108 317	S50	5 litres	No	space-saving canister design	65 x 335 x 335	PE-HD-EL
F	108 421	S50	10 litres	Yes	UN-X approval with sight strip	190 x 315 x 230	PE-HD-EL
G	108 420	S90	10 litres	Yes	UN-Y approval with sight strip	195 x 380 x 195	PE-HD-EL
H	107 953	S60/61	10 litres	Yes	UN-Y approval	185 x 265 x 290	PE-HD-EL
I	108 042	S60/61	10 litres	No	with float	185 x 265 x 290	PE-HD-EL
J	108 042-S1	S60/61	10 litres	No	with holder for sensor 108 178	185 x 265 x 290	PE-HD-EL
K	108 027	S60/61	20 litres	Yes	UN-Y approval	185 x 500 x 290	PE-HD-EL
L	108 043	S60/61	20 litres	No	with float	185 x 500 x 290	PE-HD-EL
M	108 192	S60/61	30 litres	Yes	UN-Y approval	240 x 455 x 364	PE-HD-EL
N	108 193	S60/61	30 litres	No	with float	240 x 455 x 364	PE-HD-EL



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

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