



# I protect myself

from the „Emission Madness“ in the lab!



Solvent vapours are toxic and flammable. Especially during HPLC operation, multiple types of solvent reservoirs and fluid waste containers will raise the risk of health and environment damage if they are not properly tightened.

## » Safe supply and disposal of hazardous fluids.

S.C.A.T. SafetyCaps enable safe fluid transfer via your HPLC system. All reservoirs and containers remain safely closed even during HPLC operation. Capillaries and tubes are connected gas-proof to the system. At the same time, air interchange takes place without evaporation of toxic and dangerous solvent vapours.

SafetyCaps are especially recommended for HPLC use as they keep your solvent mixtures clean and stable. For maximum laboratory safety, trouble-free HPLC operation and repeatable analytical results, the system comes with various solutions for safe supply and disposal of hazardous liquids.

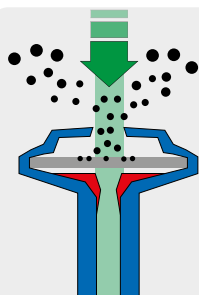
- » No evaporation
- » No solvent contamination
- » No tubing confusion
- » Easy container exchange
- » No air intake (HPLC)
- » Cost efficiency (save solvent expenses by avoiding evaporation!)



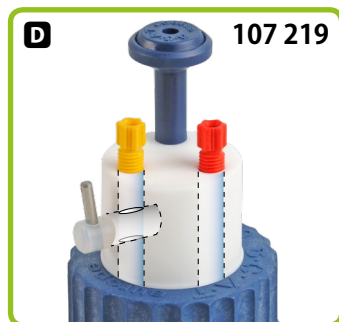
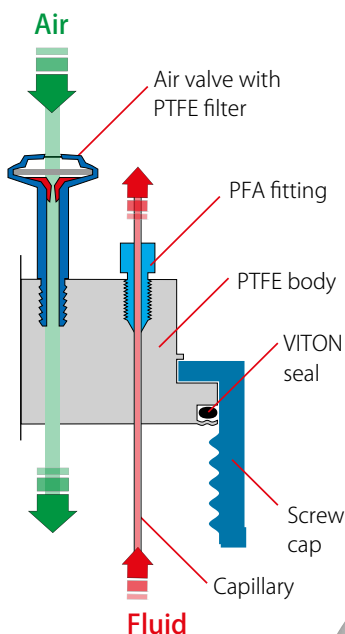
### » SafetyCaps

#### » Safe solvent extraction

The integrated air valve detains vapours and gases in your solvent reservoir. The filter membrane absorbs dust and dirt particles from the ambient air to keep your solvents free from contamination. It fits any generation of safety caps, even earliest versions.



» As the air valve also functions as a filter for dust and dirt particles, please exchange it after 6 months of operation to maintain optimum flow.



Air valve service life: 6 months



Cap size



Connectors for  
Ø 3.2 mm OD  
capillaries



Connectors for  
Ø 3.2 mm OD capillaries  
with shut-off

Fig.	Part No.	Description	Cap size	Connectors for Ø 3.2 mm OD capillaries	Connectors for Ø 3.2 mm OD capillaries with shut-off
-	107 100	SafetyCap I for Merck® bottles	S 40 / GL 40	1x	-
-	107 101	SafetyCap II for Merck® bottles	S 40 / GL 40	2x	-
<b>A</b>	107 019	SafetyCap I	GL 45	1x	-
-	107 909	SafetyCap II	GL 45	2x	-
<b>B</b>	107 910	SafetyCap III	GL 45	3x	-
-	107 410	SafetyCap IV	GL 45	4x	-
-	107 520	SafetyCap VI	GL 45	6x	-
-	107 119	SafetyCap I with shut-off	GL 45	-	1x
-	107 919	SafetyCap II with shut-off	GL 45	-	2x
<b>C</b>	107 920	SafetyCap III with shut-off	GL 45	-	3x
-	107 419	SafetyCap IV with shut-off	GL 45	-	4x
<b>D</b>	107 219	SafetyCap II (combined)	GL 45	1x	1x
-	107 319	SafetyCap III (combined)	GL 45	1x	2x
<b>E</b>	107 607	SafetyCap II for 29/32mm ground neck bottles	NS 29/32	2x	-
<b>F</b>	117 010	Air valve for SafetyCaps service life: 6 months (Box of 1)			
-	197 010	Air valve for SafetyCaps service life: 6 months (Box of 10)			

### » SafetyWasteCaps

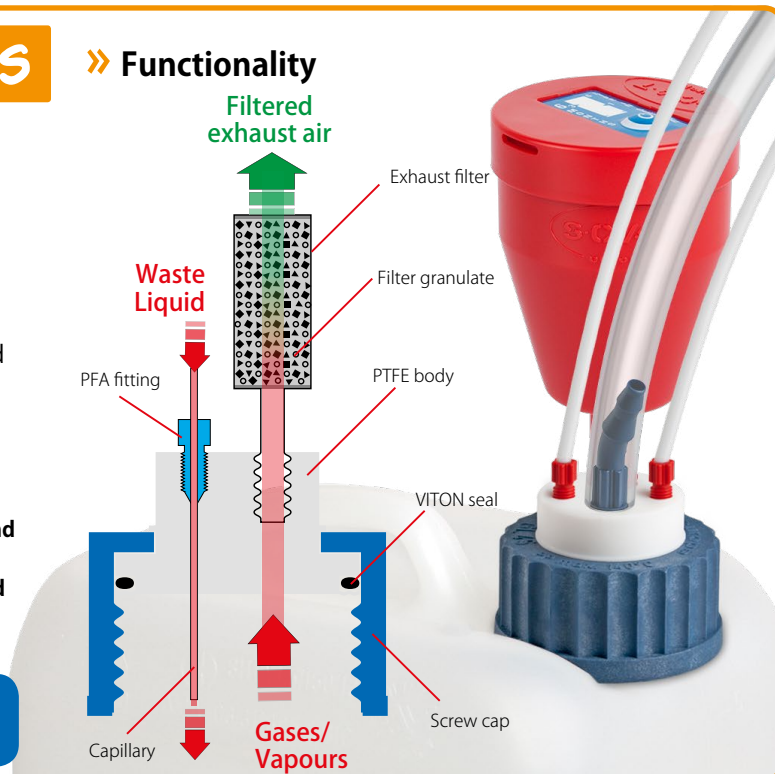
#### » Safe disposal of fluid waste

Our exhaust filter system absorbs 99% of all volatile substances evaporating from solvent disposal containers. Organic solvents and comparably harmful chemicals can now be collected safely, actually beyond fume cupboards or hoods.



The shown products are just a small extract from our portfolio. Find more products and technical information in our free main catalogue - simply order or download online at:

[www.scat-europe.com](http://www.scat-europe.com)



107 912



107 923



107 918



107 925



107 947



610 534



610 535



Economy packages



Cap size



Connectors for  
Ø 3.2 mm OD capillaries



Connectors for  
Ø 6-8 mm ID tubes



Service life limit  
(exchange after expiration)

Fig.	Part No.	Description	Cap size	Connectors for Ø 3.2 mm OD capillaries	Connectors for Ø 6-8 mm ID tubes	Service life limit (exchange after expiration)
A	107 912	SafetyWasteCap	GL 45	3x	-	-
B	107 923	SafetyWasteCap	GL 45	2x	1x	-
C	107 918	SafetyWasteCap	S 60 / 61	3x	-	-
D	107 925	SafetyWasteCap	S 60 / 61	2x	1x	-
-	107 033	SafetyWasteCap	GLS 80	4x	1x	-
E	107 947	SafetyWasteCap	S 90 / 91	4x	1x	-
F	610 534	Exhaust filter, size S with splash protection and change indicator				3 months
G	610 535	Exhaust filter, size M with splash protection and change indicator				6 months
H	190 335	Exhaust filter, size S with change indicator (economy package, box of 4)				3 months each
H	190 336	Exhaust filter, size M with change indicator (economy package, box of 3)				6 months each



## » SafetyWasteCaps with safety funnel

For safe disposal of solvent and sample leftovers. Simply open the safety funnel by pressing the locking mechanism. When releasing, the funnel will close automatically and seal the container safely. With additional connectors for HPLC capillaries.

Part No.	Cap Size	Capillary Connectors
108 132	S 50	2 Capillaries with 3.2 mm (1/8") OD
108 033	S 55	2 Capillaries with 3.2 mm (1/8") OD
108 034	S 60 / 61	2 Capillaries with 3.2 mm (1/8") OD
108 150	S 65	4 Capillaries with 3.2 mm (1/8") OD
108 035	S 70 / 71	4 Capillaries with 3.2 mm (1/8") OD
108 151	B 83	4 Capillaries with 3.2 mm (1/8") OD
108 152	S 90 / 91	4 Capillaries with 3.2 mm (1/8") OD
108 153	S 95	4 Capillaries with 3.2 mm (1/8") OD



## PFA fittings for capillaries

Part No.	Ø ID	Colour
107 061	1.6 mm	Green
107 059	2.3 mm	Violet
107 063	3.2 mm	Blue
107 064	3.2 mm	Red
107 065	3.2 mm	Yellow
107 066	3.2 mm	Natural



## Thread adapters for SafetyCaps

Part No.	Description
107 992	Adapter GL 38 (f) to GL 45 (m)
107 991	Adapter GL 40 (f) to GL 45 (m)



## More products

### » Level controlling systems

Safe monitoring of critical fluid levels in reservoirs and waste containers. No more interruptions by container overflow!

- » Mechanical and electrical versions.
- » Observe up to 5 containers at the same time with one system!



For more information and technical support, please contact your official distributor:



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