

# Safety funnels

## Optimal protection when collection liquid wastes

### What does disposal of waste fluids look like?

Even laboratories often have archaic conditions for this. Open canisters and funnels, often without collecting tray – in the rarest cases, positioned under the exhaust – this is what the tragic reality looks like. But now there are closure systems corresponding to nearly all current waste containers, so retrofitting is easy to carry out without sacrificing flexibility.

### Conclusion

Those who want to get their waste disposal under control and to create ideal conditions need a coherent concept. And S.C.A.T. Europe can provide this. More protection for humans and the environment: Our safety funnels are a one-time investment for many years of health and safety.

**Together with our users, we have further optimized the S.C.A.T. safety funnels. The new design is optimized for areas with low ceilings. The PE-HD funnels are suitable for all types of chemicals. The funnels in black are electrostatic conductive as well and are delivered with a ground cable and clamp.**

**Funnels with integrated ball valve make sure that the containers remain securely closed after filling. The screw cap rotates freely, making it easier to unscrew the funnel.**

### A video says more than a thousand words

Many labs suffer from messy conditions when it comes to solvent and waste handling. The S.C.A.T. Europe team unveils the mistakes of the past and shows how to do it right.

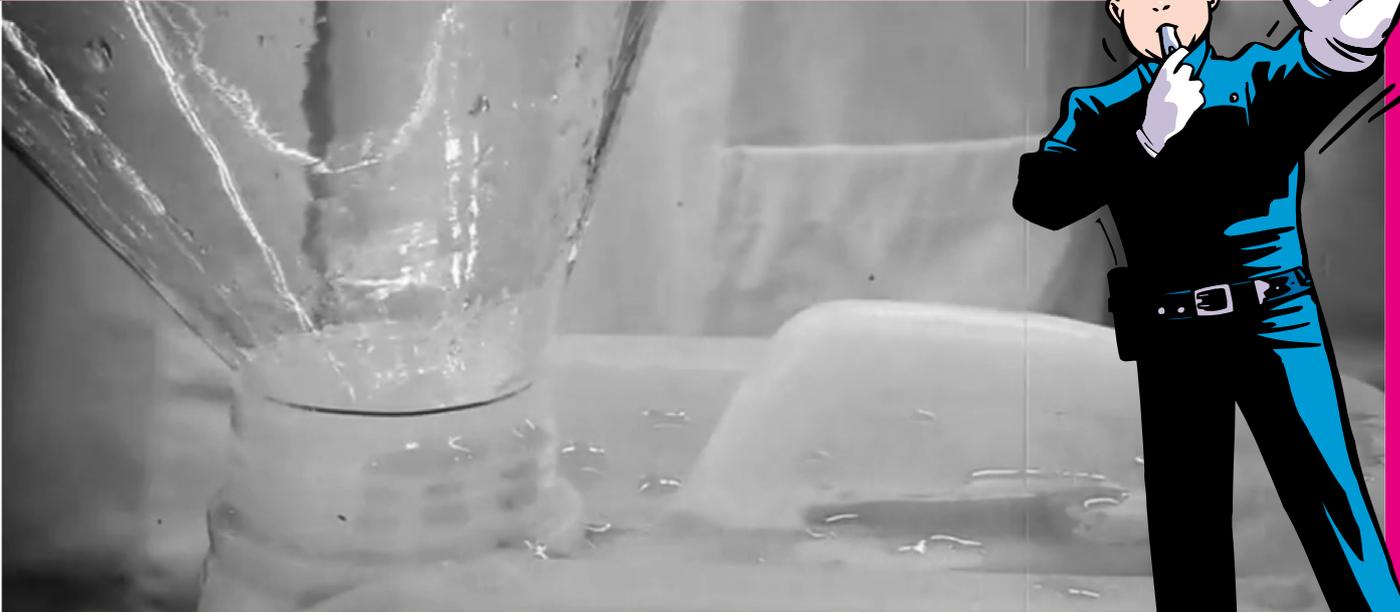


**Just scan QR Code  
and watch the Video.**



- » Made of high quality PE-HD
- » Removable sieve
- » Various thread sizes
- » Adapters for barrels available
- » Low design – also fits beneath low work surfaces
- » Available as electrostatic conductive
- » New design
- » Improved handling
- » Optimized application possibilities
- » World-wide unique

or directly visit: [scat-europe.com/video](https://scat-europe.com/video)



**Incorrect disposal of laboratory waste is highly dangerous**



**Safe and clean disposal with S.C.A.T. safety funnels**



# Safety funnels

## Safety funnels with ball valve

- » The ball floats and automatically closes after filling
- » Quick and safe disposal - with both hands free
- » Splash protection and sieve to catch dirt and larger contaminant particles

S.C.A.T. Europe safety funnels with ball valve and splash protection are world-wide unique and have become an efficient standard at the safe disposal of waste in laboratory and production. **(Funnels with ball valve you will find on page 67).**



### Sieve, removable

For trapping stirrers or larger contaminant particles. Now made of PE-HD instead of stainless steel, so no corrosion by acids or lyes.

### Splash protection

For uniform discharge without splashes.

### Ball valve

The ball floats and automatically closes after filling. For the disposal of small quantities and sticky liquid waste into the container, we recommend to rinse enough with water after using the funnel with ball valve, to prevent a potential sticking or sticking of the ball valve.

### Freely rotatable cap

In different thread sizes for a wide variety of containers. You will find suitable canisters starting from Page 87.

### Safety lance

Ensures clean outflow without contaminating the container opening. With electrically conductive funnels (black), the lance facilitates a safe additional grounding of the contents.

## Safety funnels with hinged lid

- » Compact version optimally suited for restricted space conditions in the laboratory
- » Properly closed thanks to the hinged lid
- » Removable sieve for easy clean-up

This compact version with hinged lid is optimally suited for restricted space conditions in the laboratory. The sieve can be removed for cleaning. **(Funnels with hinged lid start from page 69).**

- » Angled adapter for canisters. Just place your laboratory bottles on the funnel-sieve and let them drip of easily.

Page 114



### Hinged lid

For clean closure.

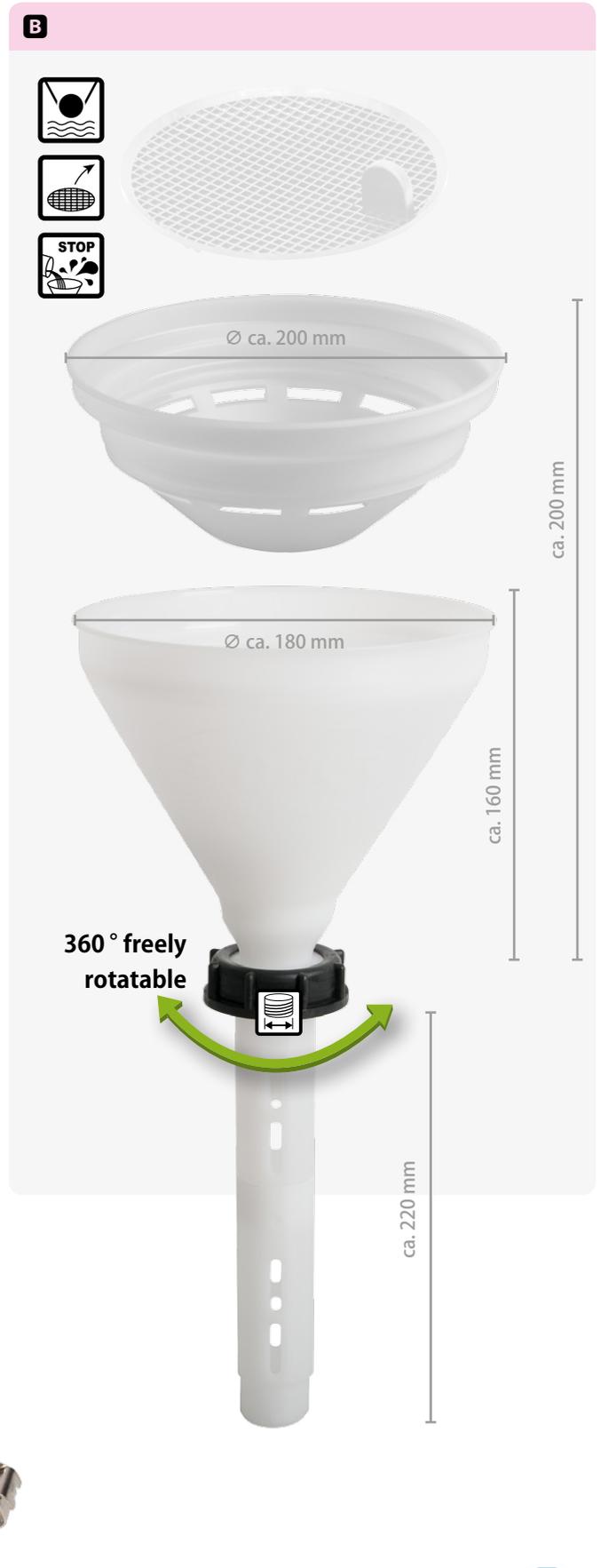


### Electrostatic conductive PE-HD

All safety funnels in black (with ball valve or hinged lid) are made from electrostatic conductive PE-HD and have a ground connection to prevent ignition risks. The funnels are delivered with ground cable and clamp.



# Safety funnels with ball valve



# Safety funnels with ball valve



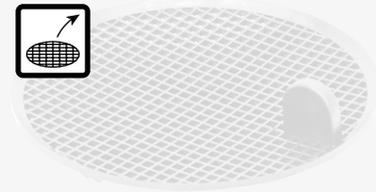
**C** 117 630



**D** 117 620



**E** 117 640



**F** 117 631



**G** 117 639

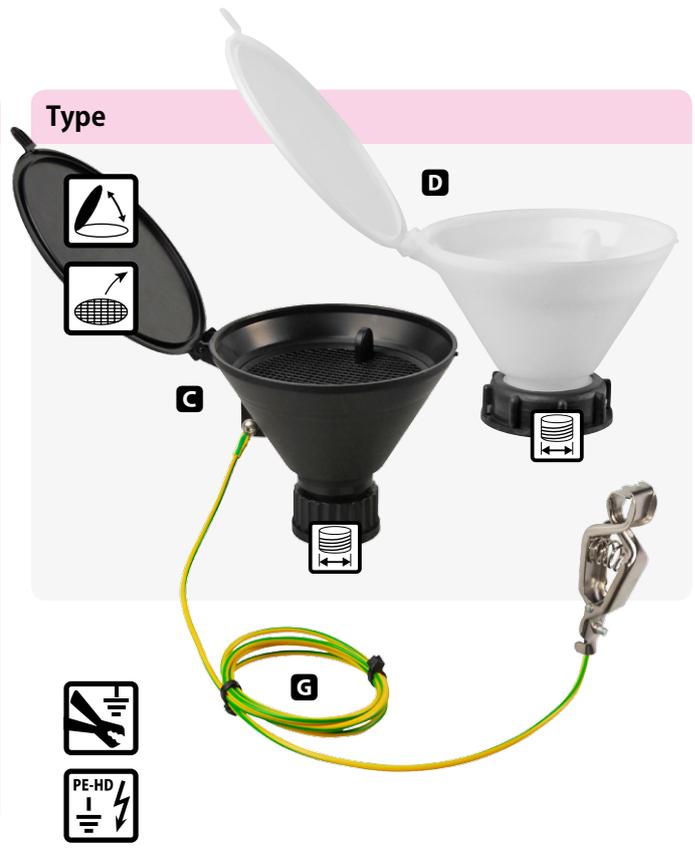


## Scope of delivery

Incl. sieve and splash protection. Funnels in black are made from electrostatic conductive PE-HD and additionally equipped with grounding cable and clamp. These essential components can also be ordered individually (please see table below).

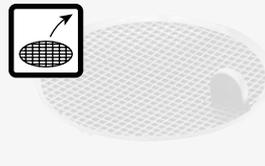
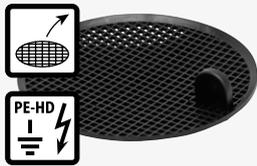
Type/Fig.	Part No.	Thread size	Description	Material
<b>A</b>	117 629	S 50	Safety funnel	PE-HD electrostatic conductive (black)
<b>A</b>	117 624	S 51	Safety funnel	PE-HD electrostatic conductive (black)
<b>A</b>	117 625	S 55	Safety funnel	PE-HD electrostatic conductive (black)
<b>A</b>	117 621	S 60/61	Safety funnel	PE-HD electrostatic conductive (black)
<b>A</b>	117 626	S 65	Safety funnel	PE-HD electrostatic conductive (black)
<b>A</b>	117 623	S 90	Safety funnel	PE-HD electrostatic conductive (black)
<b>B</b>	117 642	GL 45	Safety funnel	PE-HD (white)
<b>B</b>	117 649	S 50	Safety funnel	PE-HD (white)
<b>B</b>	117 644	S 51	Safety funnel	PE-HD (white)
<b>B</b>	117 645	S 55	Safety funnel	PE-HD (white)
<b>B</b>	117 641	S 60/61	Safety funnel	PE-HD (white)
<b>B</b>	117 643	S 90	Safety funnel	PE-HD (white)
<b>C</b>	117 630	R 2" BSP/G2" (m) + 2" Tri-Sure (m)	Safety funnel	PE-HD electrostatic conductive (black)
<b>D</b>	117 620	-	Sieve	PE-HD electrostatic conductive (black)
<b>E</b>	117 640	-	Sieve	PE-HD (white)
<b>F</b>	117 631	-	Splash protection	PE-HD electrostatic conductive (black)
<b>G</b>	117 639	-	Splash protection	PE-HD (white)
<b>H</b>	117 982	-	Ground cable with clamp	Copper cable (yellow with green coding)

# Safety funnels with hinged lid



**E** 118 989

**F** 118 999



## Scope of delivery

Incl. hinged lid and sieve. Funnels in black are made from electrostatic conductive PE-HD and additionally equipped with grounding cable and clamp. These essential components can also be ordered individually (please see table below).



Thread size

**Type A**  
PE-HD-ec (black)  
Safety lance  
Ground connection

**Type B**  
PE-HD (white)  
Safety lance

**Type C**  
PE-HD-ec (black)  
Ground connection

**Type D**  
PE-HD (white)

GL 45	-	118 992	118 962	118 952
S 50	118 985	118 995	-	118 955
S 51	118 983	118 993	-	118 953
S 55	118 981	118 991	118 961	118 951
S 60/61	118 980	118 990	118 960	118 950
S 65	118 984	118 994	118 964	118 954

Fig.	Part No.	Description	Material
<b>E</b>	118 989	Sieve for safety funnel (black)	PE-HD electrostatic conductive (black)
<b>F</b>	118 999	Sieve for safety funnel (white)	PE-HD (white)
<b>G</b>	117 982	Ground cable with clamp	Copper cable (yellow with green coding)

# Safety funnels with hinged lid



Fig.	Part No.	Thread size	Description	Material
<b>H</b>	117 633	GL 45	XL safety funnel with click-closure	PE-HD electrostatic conductive (black)
-	117 634	S 60/61	XL safety funnel with click-closure	PE-HD electrostatic conductive (black)
<b>I</b>	118 630	Doppelgewinde R 2" BSP/G2" + 2" Tri-Sure	Safety funnel with hinged lid	PE-HD electrostatic conductive (black)
<b>J</b>	160 555	-	Ventilation adapter for XL safety funnels	PE-HD electrostatic conductive (black)
<b>K</b>	108 670	Doppelgewinde R 2" BSP/G2" + 2" Tri-Sure	Safety funnel with hinged lid Sieve made from stainless steel	PE-HD (red)
-	108 670	S 60/61	Safety funnel with hinged lid Sieve made from stainless steel	PE-HD (red)
<b>L</b>	107 970	S 60/61	Safety funnel with hinged lid Safety lance made from stainless steel	Stainless steel

SAFETY FUNNELS

# Safety funnels

## Disposal units

### Popular combinations!

In order to get your waste fluid collection site ready for operation quickly, we have put the most popular combinations together in a complete set.

- » Only one part number for the comprehensive safety system
- » No time consuming compilation of a configuration
- » Price advantage compared to ordering piece by piece
- » The delivery is made complete – the system is immediately ready for use

A 107 416



#### Electrostatic conductive PE-HD

All of our safety funnels in black (with ball valve or hinged lid), also canisters and collecting trays in black are made of electrostatic conductive PE-HD. Our disposal units perfectly protect from ignition risks.

# Safety funnels Disposal units



Fig.	Part No. SET	Funnel	Container	Dimensions W x H x D (mm)
<b>A</b>	107 416	<b>118 960</b> - Hinged lid - Sieve - PE-HD, electrostatic conductive - Ground cable	<b>108 042</b> - 10 liter - PE-HD, electrostatic conductive - Floater for level control <b>- with collecting tray 117 985</b>	445 x 405 x 350
-	107 315	<b>118 960</b> - Hinged lid - Sieve - PE-HD, electrostatic conductive - Ground cable	<b>107 953</b> - 10 liter - PE-HD, electrostatic conductive <b>- with collecting tray 117 985</b>	445 x 405 x 350
<b>B</b>	107 320	<b>117 621</b> - Ball valve - PE-HD, electrostatic conductive - Splash protection - Sieve - Ground cable	<b>108 042</b> - 10 liter - PE-HD, electrostatic conductive - Floater for level control	210 x 460 x 430
<b>C</b>	107 321	<b>117 621</b> - Ball valve - PE-HD, electrostatic conductive - Splash protection - Sieve - Ground cable	<b>108 043</b> - 20 liter - PE-HD, electrostatic conductive - Floater for level control	210 x 710 x 430