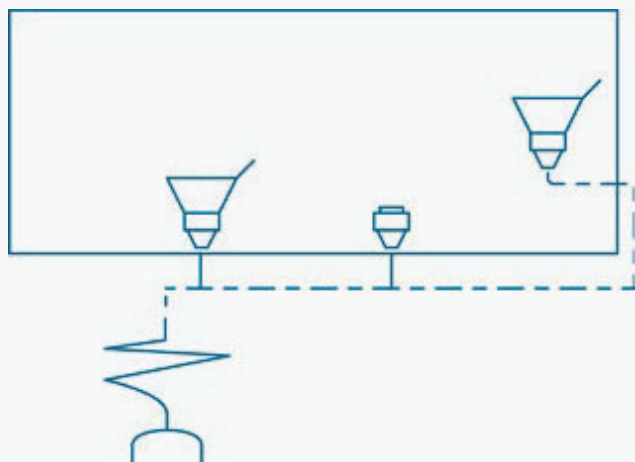


SCAT Waste



Application

All chemical waste produced in the laboratories will either be recovered or disposed of by specialist companies expressly authorized by the competent authority for this activity. Prior to sending the waste, it must be suitably disposed of in containers suitable for hazardous materials. These containers for accumulating and transporting waste must be made of the material and size most appropriate to the characteristics of the waste to be transported. They must have a secure locking system, be easily identifiable from each other and be clearly labelled with the type of substance they contain. Burdinola provides a range of solutions for the collection of liquid waste, incorporating different accessories from manufacturers specialising in this sector to cover all the current needs of a laboratory, including systems for waste collection for capillary HPLCs.

Models



1. SCAT service system model

2. SCAT fume cupboard model

Technical characteristics

Funnel with a lid	For direct mounting on worktop		It is made of electro-conductive PE-HD. This funnel has an earth connector by means of a cable and clamp, a hinged lid to lock the system if not in use and a removable sieve to trap dirt particles or magnetic stirrers that pour through it. There is also the option of replacing it with an HPLC capillary plug.
	For mounting in fume cupboards		It is made of electro-conductive PE-HD. It is mounted onto the vertical part of fume cupboards and panels. This funnel has an earth connector by means of a cable and clamp. A hinged lid locks the system when not in use. It also has a removable sieve to trap dirt particles or magnetic stirrers that may be poured through it. Depending on the application, the funnel can be replaced with an HPLC capillary cap.
Collector cap	For direct mounting on benchtops		This electro-conductive PE-HD pipe has a direct benchtop mounting for HPLC with a Ø 32 mm pipe outlet. It can have a Ø2.3 mm and Ø 3.2 mm capillary connection or a Ø 6.4 - 9 mm adjustable angled connector as accessories.
Filling alarm	Capacitive sensor		For applications where acidic liquid residue is stored, there is a capacitive sensor. The sensitivity of the disc sensor can be adjusted for different wall thicknesses. The signal box issues a warning when the fill level is reached, both visually and acoustically. The warning dial can be put either on a turret, conduit, service panel or the front of a fume cupboard. It is fixed by means of a strap adjustable to the drum.
	Electro-conductive		The SafetyWasteCap with an ATEX-compatible electronic level control for operation in explosive areas is made of PEHC-ec. The drum has an S60/61 screw thread. Recommended for applications requiring drums made of an electro-conductive material.
	Warning dial		The filling warning dial can be integrated into furniture and it can be put on the front of the module, on the service panel, conduit or turret. It has a warning light and acoustic alarm when the drum reaches the critical fill level.
Containers	Electro-conductive		Electro-conductive drums have an earth connection that ensures that they operate properly and prevents possible sparking. It is also made of electro-conductive PE-HD. In order to avoid the accumulation of hazardous waste in the laboratory itself, using drums with a maximum capacity of 10 L, 185 x 265 x 290 mm (width x height x depth) and an S60-61 thread is recommended. They use the UN universal system for classifying, packaging, marking and labelling hazardous goods for safe transportation.
	Non-conductive		Drums are made of non-conductive PE-HD. The general dimensions of these drums are 260 x 390 x 289 mm (width x height x depth) which means they have a capacity of up to 20 litres. They have an S60-61 screw thread. They use the UN universal system for classification, packaging, marking and labelling of hazardous goods, thus making their transportation safe.
Accessories	HPLC capillaries		There are an infinite number of combinations for this type of plug depending on the number and diameter of the capillaries required. The choice of capillary plug will be made depending on the specific need of each application.
	Filter for evacuated air		The SafetyWasteCap filter for evacuated air has splash protection, a capacity of more than 20 litres and a service life of approximately 6 months. Together with the filter, the use of a 90° adapter made of PP material is compulsory for angular connection.
Connection	Discharge point installations		The systems have a 19.8 mm OD, PTFE-ec flexible pipe that connects the funnel to the waste container located under the bench or fume cupboard.
	Installations for centralising discharge points		In cases where there are multiple discharge points on the same bench, installing a system made of the material appropriate to the intended discharge is recommended so that the waste generated converges in a single storage drum. This minimises the

Waste will be managed in accordance with the following regulations.

- All hazardous waste shall have a place for temporary storage, which shall not exceed the provisions of the legislation in force.
- A log of these will be kept up to date.
- All hazardous waste shall be stored under satisfactory conditions and in a segregated manner, so that they do not come into contact with each other, applying the specifications laid out in the legislation in force.
- Containers shall be solid and safe in order to prevent loss and leaks.
- Transportation to the temporary storage area will be carried out in a safe manner, avoiding spillages.