











# Safety Storage & Cabinet



	Description	Note	Model	Page
Safe-type	<b>Flammable reagents</b> <ul style="list-style-type: none"> <li>• Safe storage of flammable/combustible materials in the event of a surrounding fire</li> <li>• Designed according to the strictest European standards EN 14470-1</li> </ul>	Type 30, 60, 90	SC3-F SC2-F	204
	<b>Chemical waste</b> <ul style="list-style-type: none"> <li>• Safety funnel having a low possibility of spill during waste disposal</li> <li>• Various color lid to easy check what properties are in a container</li> </ul>	General / Anti-static	SF, WT	212
	<b>Acid/Base</b> <ul style="list-style-type: none"> <li>• Safely store acid/base reagents with corrosion-resistant interior materials</li> <li>• Completed a Chemical Test of SEFA standard</li> </ul>	Anti-corrosion interior finish	PCC SC-C	213 214
Filter-type	<b>Filtering</b> <ul style="list-style-type: none"> <li>• The harmful gas is filtered by the filter included inside</li> <li>• Economical reagent cabinets that does not require external duct connection</li> </ul>	Closed internal circulation type	FSC	218
Each use	<b>Gas cylinder cabinets</b> <ul style="list-style-type: none"> <li>• Safeguards gas cylinders from external impact</li> <li>• Stores gas cylinders so that they do not fall over</li> </ul>	Gas cylinder	DS-GC	222
	<b>Multipurpose cabinets</b> <ul style="list-style-type: none"> <li>• Store small apparatus, parts, etc. systematically and efficiently</li> <li>• Easy access to stored items with 11-level shelf-type structure</li> </ul>	Multi-drawers	DS-OR	223
General type	<b>Steel window</b> <ul style="list-style-type: none"> <li>• Extremely convenient to check inside storage with glass window door</li> <li>• Convenient drawer-type structure with excellent chemical resistance due to PP material</li> </ul>	Stand type	DS-OW	224

※ The contents of the above and the contents of this catalog may differ depending on the specific model and conditions of use. For the information about the features and specifications that applying to each models, please check the information on the corresponding page of each models.

 Satisfaction with the requirements of European regulations and guidelines.	 30 minute fire resistance confirmed.	 60 minute fire resistance confirmed.
 90 minute fire resistance confirmed.	 Door locking system with key.	 Excellence in acid/alkaline storage with a corrosion-resistant structure and exhaust system.
 Leakage minimized using an integrated mold.	 Exhaust via duct connection.	 Purifies and discharges harmful gas through internal filter.
 2 year warranty free A/S.		

## Rational storage according to purpose



### > Storage of flammable / combustible materials

In case of an unexpected fire that may occur at any time, flammable and combustible materials must be stored in a suitable location. Lab Companion's fire safety storage cabinets to be certified the strictest EN 14470-1 standard, is the best choice.



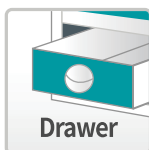
### > Storage of corrosive substances such as strong acids and strong bases

The structure is optimized for long-term safe storage of corrosive substances such as strong acids and strong bases used in experiments and processes. It is composed of a solid steel structure and corrosion-resistant interior material, and provides differentiated safety performance due to its space specific exhaust structure.



### > Reagent cabinet with built-in circulation filter

It is a reagent cabinet in which air flow is uniformly formed and the harmful gas is adsorbed through the internal filter. It is safe from fine particles and gas as it is equipped with Lab Companion's exclusive carbon filter and HEPA filter.



### > Physically / chemically sturdy cabinets

It is a reagent cabinet consisting of a polypropylene drawer and a stable structure with a rigid steel frame coated with epoxy. We provide an open-type cabinet with multiple drawers, and a window door type cabinet available to connect the extraction module.



### > Safe storage of gas cylinders

Cylindrical high-pressure containers must be prevented from falling and must be properly protected from unexpected external impact. Gas cylinders can be safely stored in Lab Companion's exclusive solid steel storage cabinets.



## > Extraction module (option)

This is harmful gas exhaust equipment (EM-33) equipped with Lab Companion's exclusive filter. It can be installed and used on Lab Companion's storage cabinets and reagent cabinet.



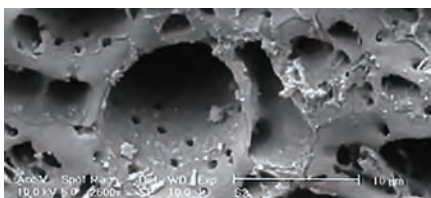
Cat. No.	Description (W x D x H, mm/inch)
AAAF1536	EM-33, 348 x 498 x 343 / 13.7 x 19.6 x 13.5, 230V, 60Hz

- It is installed at the upper part of the storage cabinet without a separate duct connection to filter and remove the harmful gas inside.
- Pre-filter is included as standard, and up to 2 filters can be added depending on the stored material. (for example: HEPA filter + carbon filter)
- Applicable to Lab Companion's fire safety storage cabinets, acid/base cabinets, general reagent cabinet series, small fume hood, etc.

## > Lab Companion's exclusive filter

The exclusive filter series developed by JEIO TECH has been objectively verified by an accredited laboratory.

- The Lab Companion's carbon filter is an excellent amorphous adsorbent with a high surface area, has fine pores and is manufactured through a multi-level impregnation process.
- Made of 100% impregnated filter, it is more than twice as efficient as general filters.
- Has the efficiency of an excellent composite filter as it simultaneously performs physical adsorption and chemical adsorption.



- Electron microscopic photographs of Lab Companion's carbon filter confirms development of numerous pores such as Macropores (diameter of more than 500Å), Mesopores (diameter of 20-500Å), and Micropores. (diameter of 20Å or less)

Filter	Description	Mounted on EM-33
<b>Complex Carbon</b>	Filters a wide range of chemicals, including acid, ammonia, and aldehyde.	<b>AAAB6354</b>
<b>Acid</b>	Filters acid gases such as HCl, HF, H <sub>2</sub> S and CH <sub>3</sub> COOH	<b>AAAB6356</b>
<b>Formaldehyde</b>	Filters formaldehyde, Acete aldehyde, etc.	<b>AAAB6358</b>
<b>Ammonia / Amines</b>	Filters basic gases such as NH <sub>3</sub> , (CH <sub>3</sub> ) <sub>3</sub> N etc.	<b>AAAB6359</b>
<b>HEPA</b>	Filters 99.99% of toxic dust and other 0.3µ m particles	<b>AAAB6353</b>

- ※ The appropriate filter is selected according to the chemical used.
- ※ Built-in pre-filter primarily filters particles to extend the life of the other filters.

## > Chemical test completed according to SEFA-8 standard

Lab Companion's cabinets and reagent series uses materials that have passed the SEFA (The Scientific Equipment and Furniture Association) standard test, and the equipment has excellent acid resistance, alkali resistance, heat resistance and durability.



Alkali resistance

### Exterior Epoxy Powder Coated Steel

The exterior has excellent durability and excellent chemical resistance due to epoxy powder coating.



### Drawer Polypropylene (PP)

The drawer part made by solid mold injection is made of polypropylene with excellent chemical resistance.

# Fire Safety Storage Cabinet

## Type 30, 60, 90

Safeguard flammable liquid from fire with proven fire resistance



### SC3-90F-0806D1D-C

Standard : Bottom Sump 1ea

### SC3-90F-0812D2D-C

Standard : Bottom Sump 2ea

### SC3-90F-1906D1-C

Standard : Shelves 3ea & Bottom Sump 1ea  
Option : Fume Extraction Module & Filters

### SC3-90F-1912D2-C

Standard : Shelves 3ea & Bottom Sump 1ea  
Option : Fume Extraction Module & Filters

## Achievement Various Certifications

- > Obtained CE (EN 14770-1) certification.
- > Acquired Certificate of Excellent Product from the Public Procurement Service in Korea.
- > Awarded the 2018 Safe Korean Technology Prize by the Ministry of the Interior and Safety.

\* EN14470-1 verifies that the equipment meets the European safety standards for dangerous goods containers such as fire resistance, internal ventilation, shelf stability, and automatic door closure.

### Fire resistance performance 90-minutes type

Type	Model
Stand	SC3-90F-1912D2-C
	SC3-90F-1906D1-C
Under bench	SC3-90F-0812D2D-C
	SC3-90F-0806D1D-C

### Fire resistance performance 60-minutes type

Type	Model
Under bench	SC2-60F-0806D1-CL
	SC2-60F-0806D1-CR
	SC2-60F-0706D1-C

### Fire resistance performance 30-minutes type

Type	Model
Stand	SC3-30F-1912D2-C
	SC3-30F-1906D1-C
Under bench	SC3-30F-0812D2D-C
	SC3-30F-0806D1D-C



## Safe Storage From Fire

### > High fire resistance

Fire resistance performance is in accordance with the strictest European standard, with the internal temperature kept below 180K for up to 90 minutes in the event of fire.

### > Fire response sealing system

When the temperature reaches 50°C, the door automatically closes. When the ambient temperature reaches 70±10°C, the exhaust holes and ventilation openings are automatically closed, totally blocking the flow of heat from the outside in the event of fire.

### > The right model for the application can be selected

Various models are available to choice consider the natural ignition point of the dangerous goods being handled, the prediction time of possible to suppress a fire, etc.

### > Chemical resistant interior material

Excellent chemical resistance even for long-term use with the interior material coated with polyphenol resin.

### > Under bench type height-adjustable (SC3-90F/30F-08 Model)

730 mm/820 mm height can be selected considering the work height when hood is installed at the bottom.

## Solid and Secure Shelf Structure

### > Solid shelf structure

It is a solid structure allowing for up to 80kg to be held per shelf and it can be fixed firmly to the left and right inside walls.

### > Safe shelf design

With 30mm-deep shelf shape for safe storage, it is designed to be safe even if the stored contents are leaked.

### > Right shelf selection

The built-in shelf is excellent in chemical resistance due to epoxy powder coating. Also, stainless steel shelves can be selected. (option)

## Patented Safe Exhaust System

The optimized exhaust system that the outside flame does not inflow to the inside of the cabinet and removing the flammable vapor effectively usual.



(Registration: KR 10-1605164)

Award Excellent Patent Award (in Korea)

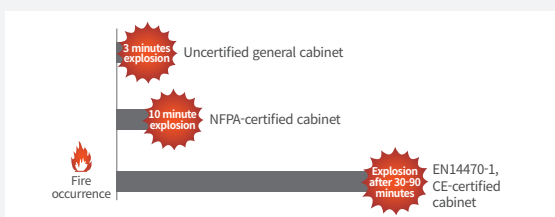
## Proven Fireproof Performance!

### Items proven by testing

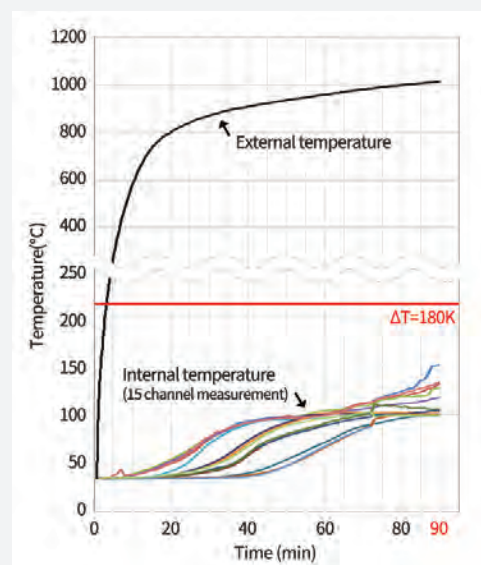
- > 30 minutes / 60 minutes / 90 minutes fire resistance performance test
- > For fire test according to standards of EN 1363-1, the time required for  $\Delta T$  to be kept below 180°C is expressed as fire resistance. (EN 14470-1)



Real fire simulation test for fire resistance performance 90min type



Comparison of fire resistance performance based on certification



SC3-90F-1912D2-C fire test results

➤ **Convenient reagent In/Out**

Equipped with door closure to stop the door at the desired position for easy put flammable reagents in and out.



➤ **Automatically sealed ventilation**

When the ambient temperature reaches  $70 \pm 10^\circ\text{C}$  in case of surrounding fire, the exhaust opening, and ventilation opening are designed to be automatically closed to completely prevent the inflow of external heat.



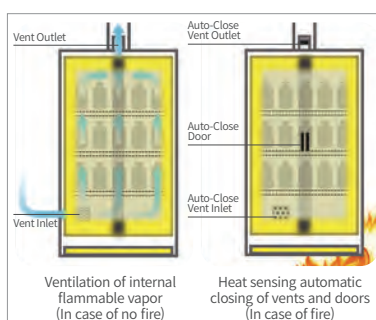
➤ **Anti-static charge through ground (SC3 Model)**

The ground to prevent static spark accidents caused by inside the cabinet where flammable vapors may be generated. For proper installation, each shelf should be connected with busbar inside of cabinet. Also the conduction bolt (located on upper part behind the cabinet) should be connected with distribution panelboard. (In case of ground can not be connected with distribution panelboard, please use grounded plug. (Option))



➤ **Safe ventilation of flammable vapor**

It is possible to discharge gas easily through the vent inlet and vent outlet to prevent accidents due to accumulation of flammable vapor, and to protect the health of the experimenter.



➤ **Configurable with lab safety workbench**

It is composed of a fume hood and a testing bench bottom, making it excellent for storing hazardous materials and waste liquids.





**Effluent reservoir**

Safe handling in the event of stored material leakage and prevention of leakage out of the cabinets.



**Key lock device**

Key lock is provided as standard to block unauthorized access.



**Safe stored materials handling**

Ergonomic structure with easy access to shelves for user's safety and convenience.



**Convenient moving and installation**

Forklift space for convenient movement. Leveling feet for stable installation.



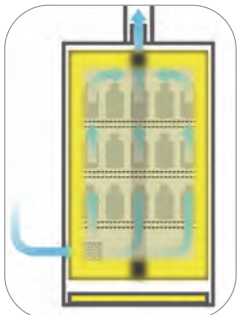
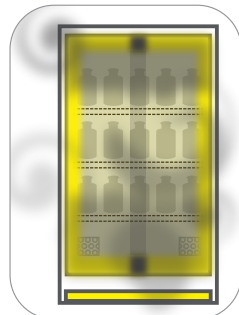
**Extraction module (option)**

Filters flammable gas inside the cabinet with a carbon filter without connecting a separate duct.



**Select a suitable shelf**

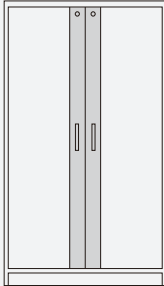
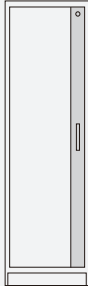


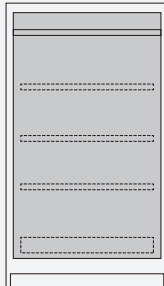
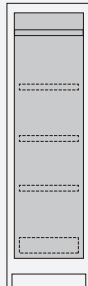


Providing the 3ea of shelf (up to 80kg storage) for stand type cabinet, and can be exchanged to drawer. (option)

	EN 14470-1	NFPA 30
<b>Fire resistance performance</b>	<p>O</p> <p>Fire test according to EN 1363-1, 15 min.- 90 min. (15 min. / 30 min. / 60 min. / 90 min.)</p>	<p>O</p> <p>NFPA 251 standard fire resistance test, 10 minute level</p>
<b>Flammable vapor ventilation</b>	<p>O</p> <p>Flammable vapor ventilation is recommended. Check negative pressure formation inside the cabinet during ventilation.</p> <div style="text-align: center;">  </div> <p>Keeps flammable vapors below the LEL concentration and removes smell(odors) through ventilation.</p>	<p>X</p> <p>Ventilation is not recommended. (Recommended to use level of container recommended in NFPA 30)</p> <div style="text-align: center;">  </div> <p>It seals the ventilation holes, and an smell(odors) occurs inside the storage cabinet. The risk of ignition is increased as the concentration of flammable vapor increases.</p>
<b>Fire detection, automatic door and ventilation closure</b>	<p>O</p> <p>In the case of a fire test, <b>test with the ventilation hole opened.</b> Automatic door and ventilation closure during fire test.</p>	<p>X</p> <p>In the case of a fire test, <b>test with the ventilation hole blocked.</b> Fire safety not considered when connecting to external ventilation facilities.</p>

Comparison of EN 14470-1 and NFPA 30 International Standards



## Specification (Type 90)

Model	SC3-90F-1912D2-C	SC3-90F-1906D1-C	SC3-90F-0812D2D-C	SC3-90F-0806D1D-C
Internal volume (L / cu ft)	763 / 26.9	357 / 12.6	244 / 8.6	110 / 3.9
Interior dimensions (W x D x H, mm / inch)	968 x 484 x 1629 / 38.1 x 19.1 x 64.1	453 x 484 x 1629 / 17.8 x 19.1 x 64.1	496 x 396 x 622 * 2ea / 19.5 x 15.6 x 24.5 * 2ea	448 x 396 x 622 / 17.6 x 15.6 x 24.5
Exterior dimensions (W x D x H, mm / inch)	1116 x 625 x 1952 / 43.9 x 24.6 x 76.9	601 x 625 x 1952 / 23.7 x 24.6 x 76.9	1200 x 560 x 730 (or 820) / 47.2 x 22.0 x 28.7 (or 32.3)	600 x 560 x 730 (or 820) / 23.6 x 22.0 x 28.7 (or 32.3)
Quantity of shelf (standard / max.) <sup>1)</sup>	3 / 5	3 / 5	-	-
Bottom collecting sump set <sup>2)</sup> (Volume : L / cu ft)	42 / 1.48	22 / 0.85	24 / 0.85 x 2ea	22 / 0.78
Max. load per shelf (kg / lbs)	80 / 176.3	80 / 176.3	40 * 2ea / 88.2 * 2ea <sup>3)</sup>	40 / 88.2 <sup>3)</sup>
Weight (kg / lbs)	385 / 848.8	270 / 595.2	220 / 485.0	134 / 295.4
CE certification	O	O	O	O
Cat. No.	AAAF390170	AAAF390140	AAAF390130	AAAF390120
Product appearance				
Product interior				

- 1) Providing epoxy powder coated shelf (standard), change to stainless steel shelf (option) or drawer type. (option) Additional shelves are possible.  
 2) Providing epoxy powder coated bottom collecting sump set (standard), change to stainless steel material. (option)  
 For drawer model (0806D1D), it is able to set the exclusive guide for Safety Waste Disposal System in the bottom collecting sump. (option)  
 3) Max. load per drawer, for drawer type.

## Accessories (Type 90)

Accessory	Description (W x D x H, mm / inch)	SC3-90F-1912D2-C	SC3-90F-1906D1-C	SC3-90F-0812D2D-C	SC3-90F-0806D1D-C
Shelf	Epoxy powder coated steel	<b>AAAF35014</b> (965 x 444 x 30 / 38.0 x 17.5 x 1.2)	<b>AAAF35013</b> (451 x 444 x 30 / 17.8 x 17.5 x 1.2)	-	-
	Stainless steel	<b>AAAF35004</b> (965 x 444 x 30 / 38.0 x 17.5 x 1.2)	<b>AAAF35003</b> (451 x 444 x 30 / 17.8 x 17.5 x 1.2)	-	-
Drawer	Epoxy powder coated steel	<b>AAAF35313</b> (798 x 452 x 100 / 31.4 x 17.8 x 3.9)	<b>AAAF35312</b> (350 x 452 x 100 / 13.8 x 17.8 x 3.9)	-	-
	Stainless steel	<b>AAAF35303</b> (798 x 452 x 100 / 31.4 x 17.8 x 3.9)	<b>AAAF35302</b> (350 x 452 x 100 / 13.8 x 17.8 x 3.9)	-	-
Plinth (side)	480 x 340 x 350 / 18.9 x 13.4 x 13.8	-	-	<b>AAAF15364</b>	<b>AAAF15364</b>
Fume Extraction Module (EM-33)	348 x 498 x 343 / 13.7 x 19.6 x 13.5 (220V, 60Hz)	<b>AAAF1536</b>	<b>AAAF1536</b>	<b>AAAF1536</b>	<b>AAAF1536</b>
Container Guard	403 x 350 x 141 / 15.8 x 13.7 x 5.5	-	-	-	<b>AAAF35454</b>

※ Please refer to page 201 for details on EM-33 compatible filter.

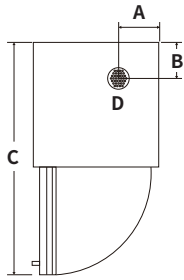


## Dimension

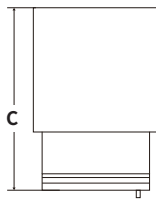
(Unit: mm / inch)

	Model	A	B	C <sup>1)</sup>	D (Diameter)
Tall	SC3-90F-1912D2-C	170 / 6.7	160 / 6.3	1135 / 44.7	76 / 3.0
	SC3-90F-1906D1-C	170 / 6.7	160 / 6.3	1135 / 44.7	76 / 3.0
Under (Drawer)	SC3-90F-0812D2D-C	185 / 7.3	255 / 10.0	840 / 33.1	60 / 2.4
	SC3-90F-0806D1D-C	165 / 6.5	255 / 10.0	840 / 33.1	60 / 2.4

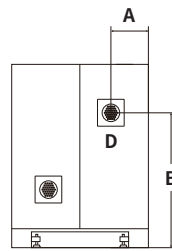
1) C is the maximum depth when the door/drawer is opened.



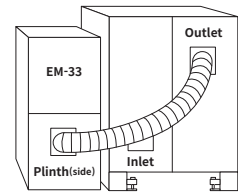
Tall:  
Upper side



Under (Drawer):  
Upper side



Under:  
Back side



Option:  
Plinth (side)+EM-33

## Configuration with Safety product of Jeio Tech

### Ductless Fume Hood

- > Built-in filter hood that no need the duct connection. Easy to move and install, and designed by the international standard to satisfy performance.
- > Configuration with Under type cabinet.

Detail [Page 188](#)



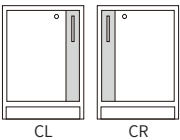

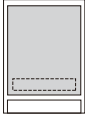

### Safety Waste Disposal System

- > Safe waste disposal through anti-static and spill-proof design, also removal of internal gases.
- > Dual safety with the configuration of the Under(drawer) type cabinet.

Detail [Page 212](#)



## Specification (Type 60)

Model	SC2-60F-0806D1-CL / SC2-60F-0806D1-CR	SC2-60F-0706D1-C
Internal volume (L / cu ft)	89 / 3.1	76 / 2.7
Interior dimensions (W x D x H, mm / inch)	505 x 419 x 422 / 19.9 x 16.5 x 16.6	505 x 419 x 362 / 19.9 x 16.5 x 14.3
Exterior dimensions (W x D x H, mm / inch)	600 x 610 x 820 / 23.6 x 24.0 x 32.3	600 x 610 x 720 / 23.6 x 24.0 x 28.3
Max. load (kg / lbs)	80 / 176.4	80 / 176.4
Bottom collecting sump set <sup>1)</sup> (Volume : L / cu ft)	7 / 0.25	7 / 0.25
Weight (kg / lbs)	106 / 233.7	100 / 220.5
Cat. No.	AAAF360310 / AAAF360311	AAAF360110
Product appearance		
Product interior		

1) Providing Epoxy powder coated bottom collecting sump set (standard), change to stainless steel material. (option)

## Accessories (Type 60)

Accessory	Description (W x D x H, mm / inch)	SC2-60F-0806D1-CL / SC2-60F-0806D1-CR	SC2-60F-0706D1-C
Plinth (side)	480 x 340 x 350 / 18.9 x 13.4 x 13.8	AAAF15364	AAAF15364
Fume extraction module (EM-33) (230V, 60Hz)	348 x 498 x 343 / 13.7 x 19.6 x 13.5	AAAF1536	AAAF1536

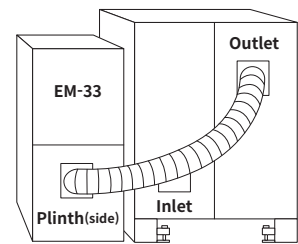
※ Please refer to page 203 for details on EM-33 compatible filter.

## Dimension

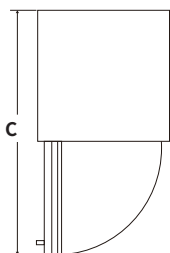
(Unit: mm / inch)

Model	A	B	C <sup>1)</sup>	D (Diameter)	
Under (Door)	SC2-60F-0806D1-CR/CL	125 / 4.9	530 / 20.9	1070 / 42.1	102 / 4.0
	SC2-60F-0706D1-C	125 / 4.9	480 / 18.9	1070 / 42.1	102 / 4.0
Under (Drawer)	SC3-30F-0812D2D-C	160 / 6.3	235 / 9.3	840 / 33.1	60 / 2.4
	SC3-30F-0806D1D-C	160 / 6.3	235 / 9.3	840 / 33.1	60 / 2.4
Tall	SC3-30F-1912D2-C	180 / 7.1	170 / 6.7	1095 / 43.1	76 / 3.0
	SC3-30F-1906D2-C	180 / 7.1	170 / 6.7	1120 / 44.1	76 / 3.0

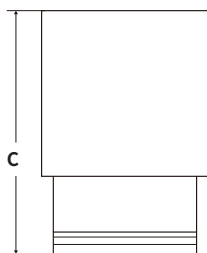
1) C is the maximum depth when the door/drawer is opened.



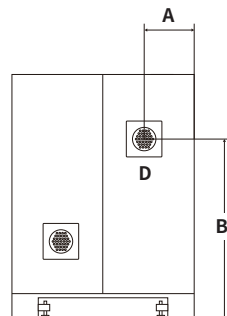
Option:  
Plinth (side)+EM-33



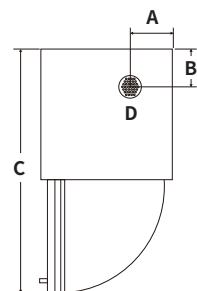
Under (Door): Upper side



Under (Drawer): Upper side

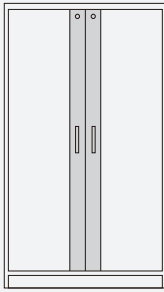

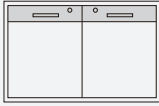

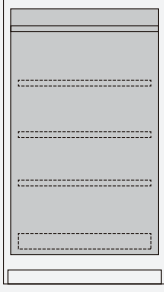
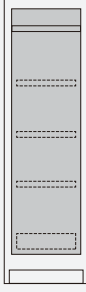

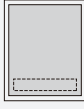


Under: Back side



Tall: Upper side

## Specification (Type 30)

Model	SC3-30F-1912D2-C	SC3-30F-1906D1-C	SC3-30F-0812D2D-C	SC3-30F-0806D1D-C
<b>Internal volume (L / cu ft)</b>	802 / 28.3	375 / 13.2	252 / 8.9	116 / 4.1
<b>Interior dimensions (W x D x H, mm / inch)</b>	968 x 507 x 1635 / 38.1 x 20.0 x 64.4	453 x 507 x 1635 / 17.8 x 20.0 x 64.4	506 x 415 x 602 * 2ea / 19.9 x 16.3 x 23.7 * 2ea	468 x 415 x 602 / 18.4 x 16.3 x 23.7
<b>Exterior dimensions (W x D x H, mm / inch)</b>	1101 x 630 x 1951 / 43.3 x 24.8 x 76.8	586 x 630 x 1951 / 23.1 x 24.8 x 76.8	1200 x 560 x 730 (or 820) / 47.2 x 22.0 x 28.7 (or 32.3)	600 x 560 x 730 (or 820) / 23.6 x 22.0 x 28.7 (or 32.3)
<b>Quantity of shelf (standard / max.)<sup>1)</sup></b>	3 / 5	3 / 5	-	-
<b>Max. load per shelf (kg / lbs)</b>	80 / 176.4	80 / 176.4	40*2ea <sup>2)</sup> / 88.2*2ea	40 <sup>2)</sup> / 88.2
<b>Bottom collecting sump set<sup>3)</sup> (Volume : L / cu ft)</b>	42 / 1.48	22 / 0.78	26 / 0.92 x 2ea	24 / 0.85
<b>Weight (kg / lbs)</b>	330 / 727.5	220 / 485.0	200 / 440.9	120 / 264.6
<b>Cat. No.</b>	<b>AAAF330470</b>	<b>AAAF330440</b>	<b>AAAF330430</b>	<b>AAAF330420</b>
<b>Product appearance</b>				
<b>Product interior</b>				

- 1) Providing epoxy powder coated shelf (standard), change to stainless steel shelf (option) or drawer type. (option) Additional shelves are possible.
- 2) Drawer type is the maximum load for the drawer.
- 3) Providing epoxy powder coated bottom collecting sump set (standard), change to stainless steel material. (option)  
For drawer model (0806D1D), it is able to set the exclusive guide for Safety Waste Disposal System in the bottom collecting sump. (option)

## Accessories (Type 30)

Accessory	Description (W x D x H, mm / inch)	SC3-30F-1912D2-C	SC3-30F-1906D1-C	SC3-30F-0812D2D-C	SC3-30F-0806D1D-C
<b>Shelf</b>	Epoxy powder coated steel	<b>AAAF35014</b> (965 x 444 x 30 / 38.0 x 17.5 x 1.2)	<b>AAAF35013</b> (451 x 444 x 30 / 17.8 x 17.5 x 1.2)	-	-
	Stainless steel	<b>AAAF35004</b> (965 x 444 x 30 / 38.0 x 17.5 x 1.2)	<b>AAAF35003</b> (451 x 444 x 30 / 17.8 x 17.5 x 1.2)	-	-
<b>Drawer</b>	Epoxy powder coated steel	<b>AAAF35313</b> (798 x 452 x 100 / 31.4 x 17.8 x 3.9)	<b>AAAF35312</b> (350 x 452 x 100 / 13.8 x 17.8 x 3.9)	-	-
	Stainless steel	<b>AAAF35303</b> (798 x 452 x 100 / 31.4 x 17.8 x 3.9)	<b>AAAF35302</b> (350 x 452 x 100 / 13.8 x 17.8 x 3.9)	-	-
<b>Plinth (Side)</b>	480 x 340 x 350 / 18.9 x 13.4 x 13.8	-	-	<b>AAAF15364</b>	<b>AAAF15364</b>
<b>Fume extraction module (EM-33) (230V, 60Hz)</b>	348 x 498 x 343 / 13.7 x 19.6 x 13.5	<b>AAAF1536</b>	<b>AAAF1536</b>	<b>AAAF1536</b>	<b>AAAF1536</b>
<b>Container Guard</b>	423 x 370 x 141 / 16.6 x 14.5 x 5.5	-	-	-	<b>AAAF35455</b>

※ Please refer to page 203 for details on EM-33 compatible filter.

# Safety Waste Disposal System

2  
year  
Warranty

## Easy to collect and store various chemicals and waste liquids in the lab.

### > Safe device to prevent leakage

- Safety funnel dedicated to waste fluid treatment, which is convenient for handling due to wide funnel inlet opening.
- 80% level bar is standard to make it easier to know when to replace the disposal fluid level in container, and can be replaced 70% level bar as required by the experimenter. (container height: 380mm)

### > Classified emission according to the type of chemical properties

- Different colors of the safety funnel lid depending on the chemical properties to clearly distinguish when treating waste liquid treatment. (SF-14P (Persian green) / -14B (Blue) / -14Y (Yellow) / 14R (Red))
- Safety labels can be attached to the top of the safety funnel to prevent the mixing of waste fluids with different properties.

### > Pressure and gas treatment by reaction

- Hinge-type lid minimizes the discharge of vapors from the waste solution into the lab.
- Removes bad odors and harmful gas. (carbon filter can be replaced easily without remove existing attachment without the use of any tools) (option)
- Easy to check the replacement time for a filter with timestrip.

### > Anti-static protection

- Anti-Static protection via special plastic material and ground cable. (SF model)
- Ease of ground wire cleanup when configured with a flammable material storage cabinets. (sold separately)



SF-14P & WT-20P

with Carbon Filter (option)

SF-14C & WT-20C

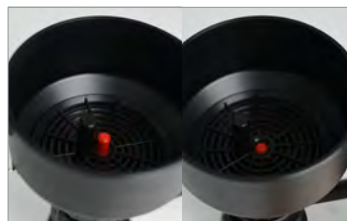
with Carbon Filter (option)



Comparison of safety waste disposal funnel.



Wide inlet of waste liquid funnel.



Waste liquid level notification function.



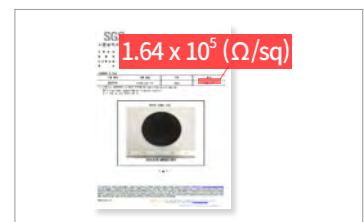
Classified color label and lid color according to chemical properties.



Hinge-type lid.



A dedicated flammable material storage cabinets to contain waste disposal system. (only for SC3-90F drawer type)



Anti-static material to prevent static electricity generation.

## Specification

Model	SF-14C	SF-14P	WT-20C	WT-20P
<b>Description</b>	Anti-static Safety funnel for collection of waste liquid	General use Safety funnel for collection of waste liquid	Anti-static liquid waste container	General-purpose liquid waste container
<b>Dimension (W x D x H, mm / inch)</b>	160 x 142 x 270 / 6.3 x 5.6 x 10.6	160 x 142 x 270 / 6.3 x 5.6 x 10.6	220 x 300 x 380 / 8.7 x 11.8 x 15.0	220 x 300 x 380 / 8.7 x 11.8 x 15.0
<b>Inlet (ø, mm / inch)</b>	135 / 5.3	135 / 5.3	45 / 1.8	45 / 1.8
<b>Lid size (ø, mm / inch)</b>	142 / 5.6	142 / 5.6	65 / 2.6	65 / 2.6
<b>Volume (L / cu ft)</b>	1 / 0.04	1 / 0.04	22 / 0.78	22 / 0.78
<b>Material</b>	PP	PP	HDPE	HDPE
<b>Cat. No.</b>	<b>AAAM6001</b>	<b>AAAM6002</b>	<b>AAAM6011</b>	<b>AAAM6012</b>

## Accessories

Description	Dimension (ø x H, mm / inch)	Cat. No.
<b>Carbon Filter</b>	76 x 150 / 3.0 x 5.9	<b>AAAM6051</b>
<b>Earth Bonding Plug</b>	52 x 70 / 2.0 x 2.8	<b>AAAF35453</b>

※ In case of ground can not be connected with distribution panelboard, please use grounded plug. (option)



# Acid Corrosive Cabinet Small type



## Compact size enables efficient space utilization

### Safe storage from corrosive substances

- Full injection molding of polyethylene materials with excellent chemical resistance for durability and corrosion resistance.
- Suitable for storage of small amounts of corrosive reagents. (Max. 18ea based on a 1L reagent basis)
- Inside of cabinet is designed by with no steel structure for corrosion protection.

### Convenient and safe ventilation

- Use duct connection of existing facility or dedicated hazardous gas removal Fume Extraction Module (EM-33 option) connection.
- Dedicated the hazardous gas removal module(EM-33) can be selected the validated filter from Jeitech. (EM-33 and filter is option)



### PCC-720

with Fume Extraction Module (EM-33) (option) + Plinth-PCC (option)

## Specification

Model		PCC-720
<b>Material</b>	Body	PE (Polyethylene)
	Door / Guide	PE (Polyethylene)
<b>Dimension</b>	Exterior (W x D x H, mm / inch)	720 x 472 x 535 / 28.3 x 18.6 x 21.1
	Front opening (W x D, mm / inch)	560 x 320 / 22.0 x 12.6
	Duct hole (O.D., mm / inch)	150 / 5.9
	Net weight (kg / lbs)	12.5 / 21.4
<b>Cat. No.</b>	<b>AAAF61001</b>	

## Accessories

Model	Cat.No.
<b>Plinth for Fume Extraction Module</b>	<b>AAAF15363</b>
<b>Brackets for Extraction Arm Hood (Φ75)</b>	<b>AAAB6411</b>
<b>Fume Extraction Module, EM-33</b>	<b>AAAF1536</b>

For detail information of EM-33 and its filter.

[Page 203](#)

# Acid/Corrosive Cabinet

## Safety cabinets for long-term storage of acid/base substances



### SC-C1912D4

with Shelves 4ea, Tray 8ea (standard)

### SC-C1906D2

with Shelves 2ea, Tray 4ea (standard),  
Fume Extraction Module & Filters (option)



#### Filter-type harmful gas exhaust (option)

Filters harmful gas inside the cabinet with a carbon filter without connecting a separate duct. (see page 203 for details)



#### Key lock device

Key lock is provided as standard to block unauthorized access.



#### Corrosion-resistant PP Tray

Spill tray to prevent leakage of stored materials.



#### Safe stored materials handling

Ergonomic structure with easy access to shelves for user's safety and convenience.



#### Convenient moving and installation

Forklift space for convenient movement.  
Leveling feet for stable installation.



#### Identification pictogram stickers provided

Easy to classify stored materials with the provision of removable acid/base stickers.