

SAFETY CABINETS FOR TOXICS AND MULTIRISK SAFETY CABINETS





SAFETY CABINETS FOR TOXICS AND MULTIRISK SAFETY CABINETS

INTRODUCTION:

Due to obvious reasons of safety (fire, explosion, corrosion, intoxication) dangerous chemicals, whatever they may be must be handled and stored extremely carefully.

This catalogue will help you to find solutions in connection with the storage of your dangerous chemicals according to your safety requirements.

Whether you are working in a workshop, laboratory, warehouse, manufacturing unit, department of a company, if you store hazardous chemicals such as poisons, flammables, corrosives, polluting, harmful products, etc, you must store them cautiously.

Do not hesitate to contact us for fast and personalized advices.

NORMALIZATION:

Public health (related to toxics)

Toxics and poisonous chemicals must be stored in a specific place equipped with key closing.

Recommendation (related to different families of chemicals)

Non compatible chemicals must be stored in separate cabinets or compartments.

Environment (related to pollutants)

Each chemical liable to pollute water or soil must be stored with a retention tank.

European norm EN 14470-1 (related to flammables in laboratories)

Flammables kept inside laboratories must be stored into one or more safety cabinets with a minimum fire resistance of 15 minutes. 4 classifications: 15, 30, 60 and 90 minutes.

EN 14470-1

CHOOSE YOUR SAFETY CABINET ACCORDING TO YOUR STORAGE AND CHEMICALS INCOMPATIBILITIES

Chemicals to Be stored	Simplified diagram of the incompatibilities between hazardous chemicals					Adapted cabinet one-compartment						Adapted cabinet multi-compartments		
						Range 6	Range 13	Range 14	Range 14E	Range 14L	Range 14T	Range 11B / Range 790	Range 11A	Range 14
	+	-	-	0	+	X		X	X	X	X	X	X	X
	-	0	-	0	0	X		X	X	X	X	X	X	X
	-	-	+	+	0	X	X	X	X	X	X	X	X	X
	0	-	+	+	+	X	X	X	X	X	X	X	X	X
	+	0	0	+	+	X	X	X	X	X	X	X	X	X

+ Compatible products.

0 Do not store, handle or waste together except if particular conditions are applied.

- Non compatible products.

For the storage of very corrosive chemicals (Hydrochloric acid, Nitric acid, Sulfuric acid), we recommend our range 11.B or range 8.A cabinets.

For more information, please refer to our catalogue concerning cabinets for corrosives.

RANGE 14.E



SECURE CABINETS FOR DANGEROUS PRODUCTS

Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods, filtering cabinets - Ventilation

Containment and Cans

Anti-fire equipments and Files cabinets

Showers and first-aid equipments

AZ300 ▶

◀ AZ150

AZ50 ▶

AZ110 ▶



Cabinet available in 4 different sizes and doors colours

CERTIFICATION

- Large warning labels in compliance with ISO 3864 norm and the european directive 92/58/CEE.

ADVANTAGES

- Especially designed for dangerous products storage in compliance with the regulation.
- Inexpensive solution for your dangerous products storage.
- Delivered with 4 large warning labels : «Flammables», «Corrosives» (x2) and «Toxics».
- Working cover cabinet (P/N : AZ50 et AZ110) are delivered with one tubber cabinet-top work tray.

ACTIVE SECURITY

- Hight and low vents.
- Handling door(s) with 110° opening angle.
- Door(s) with key lock.

PASSIVE SECURITY

- Built in steel.
- Epoxy paint :
 - Body: grey RAL 7035; Door(s): yellow RAL 1023.
 - Body: grey RAL 7035; Door(s): red RAL 3000.
 - Body: grey RAL 7035; Door(s): blue RAL 5010.
 - Body: grey RAL 7035; Door(s): green RAL 6011.
- Containment shelves/sump adjustable in height (50 mm height).
- Maximum load by shelf : 80 kg.
- «Flammables», «Corrosives» (x2) and «Toxics» large warning labels.

OPTIONS

- Additional containment shelves/base through (P/N: ESE150 and ESE300).
- Galvanized perforated cover plate for containment shelves/ base through (P/N: E150 and CE300).
- Opening vent Ø 100 mm (must be ordered with the cabinet).

Doors reference				Description	Outside dim. H x W x D (mm)	Storage capacity (L)	Containment capacity (L)	Number of shelves	Maximum load by shelf ⁽¹⁾	W. (kg)
Yellow	Red	Blue	Green							
AZ50	AZ50R	AZ50B	AZ50V	Working cover cabinet with 1 door	Ext. : 1000 x 500 x 500 Int. : 890 x 498 x 453	80	20	2	80	26
AZ110	AZ110R	AZ110B	AZ110V	Working cover cabinet with 2 doors	Ext. : 1000 x 930 x 500 Int. : 890 x 925 x 453	155	40	2	80	43
AZ150	AZ150R	AZ150B	AZ150V	Tall cabinet 1 door	Ext. : 1950 x 500 x 500 Int. : 1840 x 498 x 453	150	40	4	80	55
AZ300	AZ300R	AZ300B	AZ300V	Tall cabinet 2 doors	Ext. : 1950 x 930 x 500 Int. : 1840 x 925 x 453	300	80	4	80	90
ESE150	Shelf/base through for AZ50/AZ150				50 x 488 x 443	-	10	-	-	6
CE150	Perforated cover plate for ESE150				50 x 483 x 438	-	-	-	-	5
ESE300	Shelf/base through for AZ110/AZ300				50 x 915 x 443	-	20	-	-	10
CE300	Perforated cover plate for ESE300				50 x 913 x 438	-	-	-	-	10
AZVENT	Opening vent				-	-	-	-	-	-

⁽¹⁾ Evenly distributed

Refer to the table of chemical incompatibilities and precautions for use, to validate the configuration of your cabinet according to your needs.

The manufacturer reserves the right to discontinue or change specifications or designs at any time without notice and without incurring obligations. 08/2015

RANGE 14



MODULABLE MULTIRISK SAFETY CABINETS



AS ^

A2PCA ^

A3PCA ^

A2+2PCA ^ ^ ASVM11

^ ASV



CERTIFICATION

- Large warning labels in compliance with ISO 3864 norm and the European directive 92/58/CEE.

ADVANTAGES

- Possibility to separate the dangerous product families.
- Modulable solution for the storage of your chemicals.
- Inside equipments of the different compartments following your needs.
- Possibility to join the different models together (except AB56 model; only A1T, A2T, A3T and A4T can be joined together).

PASSIVE SECURITY

- Built in steel 10/10th.
- White polyester paint RAL 9010.
- "Toxic", "Flammable" or "Acid" (x2) large warning label following your needs
- Steel containment shelves adjustable in height.
- One removable base trough in steel in the bottom of each compartment.

ACTIVE SECURITY

- High and low vents :
 - Outlet with flame arresters;
 - Ø 100mm outlet for a possible external connection.
- Handling door(s) (except for A1T type, sliding door) with key locking system.

OPTIONS

- PVC equipment for "Acids" compartment including PVC protection shelf and PVC retention tank.
- Additional steel retention shelf.
- Industrial absorbent mat (Ref JF10D).

Ventilated under-bench cabinet with two compartments Model AB56⁽¹⁾

Delivered with one electric fan fixed in the right compartment (230 volts - 50 Hz - 40 Watts - 0,19 A - 54 dB(A), excluding air flow - flow 150 m3/h - protection IP44 - Exhaust outlet Ø 100 mm) and PVC retention shelf and base trough.



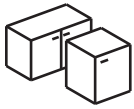
AB56 ^

N.B.: Do not store flammable products and solvents in the compartment with a fan.

⁽¹⁾Cabinet without fan : ref. AB56SV

Refer to the table of chemical incompatibilities and precautions for use, to validate the configuration of your cabinet according to your needs.

RANGE 14



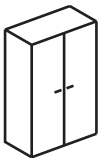
P/N	ASP	ASDP	AB56	AB56SV
Door(s)	1 Handling	2 Handling	2 Handling	
Compartment(s)	1	1	2	
Dimensions H x W x D (mm)	670 x 560 x 545	670 x 1100 x 545	670 x 1100 x 545	
Storage cap. (L)	30	60	60 (2x 30)	
Containment cap. (L)	30	60	60 (2x 30)	
Containment shelf steel/PVC	1 / option	1 / option	2 / 1	
Steel/PVC containment sump	1 / option	1 / option	1 / 1	
Maximum load by shelf⁽¹⁾	50	50	50	
Weight (kg)	25	48	50	



A1T *



Door(s)	1 Handling	1 Glass	2 Handling		3 Handling		of 1 to 4 Handling with drawers				
Compartment(s)	1	1	2		3		1	2	3	4	
Dimensions H x W x D (mm)	1825 x 560 x 545	1825 x 560 x 545	1825 x 560 x 545		1825 x 560 x 545		1825 x	560 / 1120 / 1680 / 2240			x 545
Storage cap. (L)	150	150	110 (2x 55)		90 (3x 30)		120	240	360	480	
Containment cap. (L)	40	40	70 (2x 35)		90 (3x 30)		20	40	60	80	
Containment shelf steel/PVC	3 / option	3 / option	4 / option	4 / 2	3 / option	3 / 1	4 / option	8 / option	12 / option	16 / option	
Steel/PVC containment sump	1 / option	1 / option	2 / option	1 / 1	3 / option	2 / 1	- / -	- / -	- / -	- / -	
Maximum load by shelf⁽¹⁾	50	50	50		50		50	50	50	50	
Weight (kg)	55	55	85		95		80	160	240	320	



Doors	2 Handling	2 Glass	2 Handling	2 Glass	4 Handling		2 Handling	2 Glass
Compartment(s)	1	1	2	2	4		4	4
Dimensions H x W x D (mm)	1825 x 1100 x 545	1825 x 1100 x 545	1825 x 1100 x 545	1825 x 1100 x 545	1825 x 1100 x 545	1825 x 1100 x 545	1825 x 1100 x 545	1825 x 1100 x 545
Storage cap. (L)	300	300	260 (2x 130)	260 (2x 130)	220 (4x 55)		220 (4x 55)	220 (4x 55)
Containment cap. (L)	80	80	92 (2x 46)	92 (2x 46)	140 (4 x 35)		140 (4 x 35)	140 (4 x 35)
Containment shelf steel/PVC	3 / option	3 / option	6 / option	6 / option	8 / option	8 / 2	8 / 2	8 / 2
Steel/PVC contain- ment sump	1 / option	1 / option	2 / options	2 / options	4 / option	3 / 1	3 / 1	3 / 1
Maximum load by shelf⁽¹⁾	50	50	50	50	50		50	50
Weight (kg)	95	95	115	115	170		130	130

P/N	EE1	EE2	ES1T	ESASDD	SEPVC	SBPVC	EX120G	EX500G
Description	Additional shelf	Additional shelf	Additional shelf	Additional shelf	Protection shelf in PVC	PVC Containment sump	CO ₂ extinguisher	
For cabinet	ASP, AS, ASV, A2P, A3P, A2+2P	ASDM11, ASVM11, ASDM22, ASVM22	A1T, A2T, A3T, A4T	ASDP, ASDD, ASDV	All models except A1T (ref.: ESP1T), for models wide in 1100 to 1 compartment provide 2 pieces per level		Contact us	
Dimensions H x W x D (mm)	22 x 550 x 465	30 x 545 x 468	30 x 420 x 450	20 x 1090 x 465	20 x 530 x 460	90 x 530 x 460	-	
Containment cap (L)	5	7	5	10	5	21	-	
Weight (kg)	3	3	3	6	2	3	0,2	0,6

⁽¹⁾ Evenly distributed

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Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods, filtering cabinets - Ventilation

Containment and Cans

Anti-fire equipments and Files cabinets

Showers and first-aid equipments

RANGE 14.L

SECURE CABINETS FOR DANGEROUS PRODUCTS



AL305 also available in yellow (model AL305J)

CERTIFICATION

- Large warning labels in compliance with ISO 3864, NF X08.003 norm and the European directive 92/58/CEE.

ADVANTAGES

- Especially designed for dangerous products storage in compliance with the regulation.
- Inexpensive solution for your dangerous products storage.
- Supplied with "Toxic", "Flammable", or "Acid (x2)" large warning labels following your needs (to stick on according to your storage).

PASSIVE SECURITY

- Built in steel 8/10th.
- Grey epoxy paint RAL 7035.
- Steel containment shelves adjustable in height (height: 50 mm; maximum load by shelf: 45 kg).

ACTIVE SECURITY

- High and low vents.
- Steel base trough (height: 50mm).
- Handling door(s) with key locking and integrated handle.

OPTIONS

- Additional steel containment shelf.
- Protection shelf in PVC.
- Perforated cover plate for containment shelf/sump.
- Industrial absorbent mat (ref. JF10D).



For safety reasons, refrain storing different chemical families in the same compartment. Do not store high-corrosive products like sulfuric acid, nitric acid, hydrochloric acid...

P/N	Description	External dim. H x W x D (mm)	Internal dim. H x W x D (mm)	Storage capacity (L)	Containment capacity (L)	Number shelves/retention	Maximum load by shelf ⁽¹⁾	W. (kg)
AL55	Working cover cabinet 1 door	1000 x 500 x 420	930 x 480 x 390	70	20	2	30	26
AL115	Working cover cabinet 2 doors	1000 x 920 x 420	930 x 900 x 390	135	40	2	60	40
AL155	Tall cabinet 1 door	1800 x 500 x 420	1730 x 480 x 390	130	40	4	30	41
AL305	Tall cabinet 2 doors	1800 x 920 x 420	1730 x 900 x 390	240	80	4	60	60
AL305J	Tall yellow cabinet 2 doors	1800 x 920 x 420	1730 x 900 x 390	240	80	4	60	60
ESAL155	Containment shelf/sump for cabinet 1 door	65 x 480 x 375	-	-	10	-	-	3
ESAL305	Containment shelf/sump for cabinet 2 doors	65 x 900 x 375	-	-	20	-	-	6
SEAL155	Containment shelf/sump in PVC for cabinet 1 door	-	-	-	10	-	-	2
SEAL305	Containment shelf/sump in PVC for cabinet 2 doors	-	-	-	20	-	-	3
JF10D	Industrial absorbent mat, small and large widths (pack of 10 sheets)	-	-	-	-	-	-	1

⁽¹⁾ Evenly distributed

RANGE 14.T



SECURE CABINETS WITH SLIDING DRAWERS FOR DANGEROUS PRODUCTS



ALT155 ▲



ALT305 ▲



Locking system drawers



Shelves/retention on coulissants rails



Vents



Handle with integrated lock



Fix on the wall 2 points

CERTIFICATION

- Large warning labels in compliance with ISO 3864, NF X08.003 norm and the European directive 92/58/CEE.

ADVANTAGES

- Sliding containment shelves for an easy access to the stored products.
- Locking system for the others drawers in the retracted position when one drawer is already pull-out.
- Possibility to fix on the wall.
- Supplied with "Toxic", "Flammable" or "Acid (2x)" large warning labels following your needs (to stick on according to your storage).

PASSIVE SECURITY

- Built in steel 8/10th.
- White grey paint RAL 7035.
- 3 steel sliding containment shelves (height: 50 mm ; maximum load by shelf: 30 to 50 kg).
- 1 steel sliding containment sump (height: 80 mm).

ACTIVE SECURITY

- High and low vents.
- Handling door(s) with key locking and integrated handle.

OPTIONS

- Industrial absorbent mat (ref. JF10D).

P/N	Description	External dim. H x W x D (mm)	Internal dim. H x W x D (mm)	Storage capacity (L)	Containment capacity (L)	Number of shelves/retention	Maximum load by shelf ⁽¹⁾	W. (kg)
ALT155	Tall cabinet with drawers 1 door	1950 x 500 x 500	1718 x 379 x 430	150	40	4	30	72
ALT305	Tall cabinet with drawers 2 doors	1950 x 916 x 500	1718 x 795 x 430	300	85	4	50	102
SEALT155	Containment shelf/sump in PVC for cabinet 1 door						-	2
SEALT305	Containment shelf/sump in PVC for cabinet 2 doors						-	3
JF10D	Industrial absorbent mat, small and large widths (pack of 10 sheets)						-	1

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Refer to the table of chemical incompatibilities and precautions for use, to validate the configuration of your cabinet according to your needs.

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Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods, filtering cabinets - Ventilation

Containment and Cans

Anti-fire equipments and Files cabinets

Showers and first-aid equipments

RANGE 3030.M EN 14470-1 FM 6050



EN 14470-1 & FM⁽¹⁾ 30 MINUTES MULTIRISKS SAFETY CABINETS

CERTIFICATION

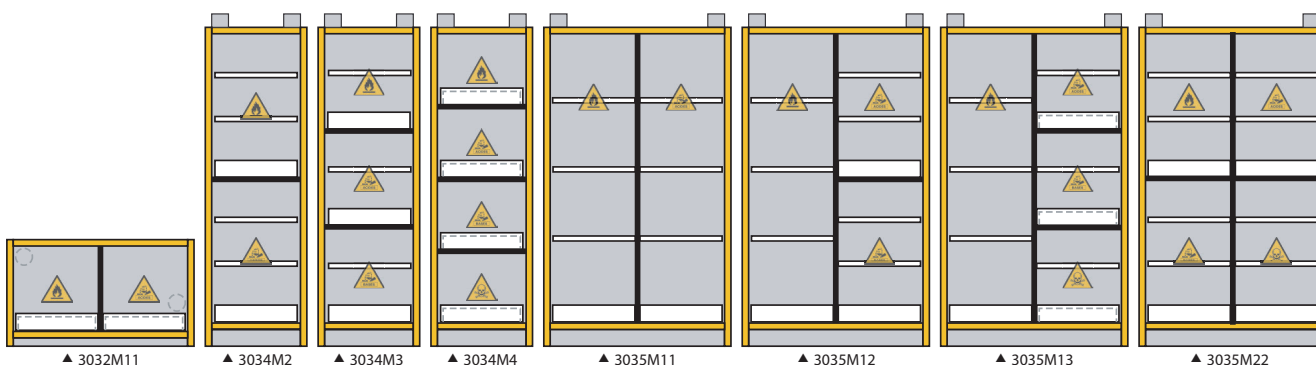
- Tested and approved Type 30 according to EN 14470-1 (04-2004) and EN 1363-1 (06-2000).
- ⁽¹⁾Tested and approved 10 minutes according to FM 6050 (Factory Mutual international).
- Normalized labelling according to ISO 3864 and EN 14470-1 (04-2004) norms, 92/58/CEE european directive and FM regulations.

ADVANTAGES

- 30-minutes fire resistance according to ISO 834 fire heating curve.
- Pedestal area under-driveable by a forklift by removing panel (except for the under-bench models).
- Self-closing doors with possibility to keep the door(s) open. If the temperature rises to 47°C, a fuse link closes the door(s) automatically.

TECHNICAL CHARACTERISTICS :

Please, refer to the documentation of the 30-minutes multirisks safety cabinets - EN 14470-1 & FM in the section « Safety cabinets EN 14470-1 and EN 14470-2 for flammable, explosive and gas cylinders ».



Ref.	Description	Compartment type and storage capacity (L) *				Outside dim. H x W x D (mm)	Delivered with			Weight (kg)
							steel retention shelf	steel containment slump	Steel perforated cover plate	
3032M11	Under-bench cabinet, 2 doors, 2 compartments	28	28	-	-	635 x 1115 x 630	-	2	2	108
3034M2	Tall cabinet, 1 door, 2 compartments	55	55	-	-	1980 x 605 x 550	4	2	option	126
3034M3	Tall cabinet, 1 door, 3 compartments	30	30	-	30	1980 x 605 x 550	3	3	option	129
3034M4	Tall cabinet, 1 door, 4 compartments	22	22	22	22	1980 x 605 x 550	-	4	4	142
3035M11	Tall cabinet, 2 doors, 2 compartments	120	120	-	-	1980 x 1115 x 550	6	2	option	232
3035M12	Tall cabinet, 2 doors, 3 compartments	120	55	-	55	1980 x 1115 x 550	7	3	option	241
3035M13	Tall cabinet, 2 doors, 4 compartments	120	28	28	28	1980 x 1115 x 550	6	4	option	244
3035M22	Tall cabinet, 2 doors, 4 compartments	55	55	55	55	1980 x 1115 x 550	8	4	option	252

Refer to the table of chemical incompatibilities and precautions for use, to validate the configuration of your cabinet according to your needs.

RANGE 13



VENTILATED SAFETY CABINETS FOR REAGENTS AND TOXIC PRODUCTS

CONFORMITY

- In compliance with the health regulation articles (R.5132-66 & R.R132-68).
- Large warning labels in compliance with ISO 3864,92/58/CEE European directive and NF X08.003 norm.

ADVANTAGES

- Integrated electric fan.
- Large storage capacity.

PASSIVE SECURITY

- Built in steel 10/10th.
- White epoxy paint RAL 9010.
- «Toxic» and «Noxious» large warning labels (to specify with your order).
- 3 containment shelves adjustable in height with rack system.
- Removable retention tank at the bottom of cabinet (100 mm height).

ACTIVE SECURITY

- Integrated electric fan : 220-240 volts - 0,1 A - 18 W; flow 90 m³/h; IPX4 protection ; sound level 37,5 Lp dB(A) (3m).
- Double handling doors with 3 points key-locking system.

OPTIONS

- Additional shelf.
- Additional containment shelf in PVC.
- Sliding drawer.
- «Poison» chests (see below)

«POISON» CHESTS

Can be used as wall mounted cabinets to store dangerous products or a poison chest in your safety cabinet ref MF4.

- Built in steel 10/10th.
- White epoxy paint RAL 9010.
- «Toxic» warning label in compliance with ISO 3864,92/58/CEE European directive and NF X08.003 norm.
- Shelves adjustable in height: 2 units for the model MF1 and 4 for the model MF2
- Handling door with key-locking system.
- Possibility to fix on the wall.
- Possibility to connect 2 models



▲ MF4 model with MF1 «poison» chest option



MF2 ▲



▲ MF1

P/N	Description	Outside dim. H x W x D (mm)	Inside dim. H x W x D (mm)	Storage capacity (L)	Containment capacity (L)	Number of shelves	Maximum load by shelf ⁽¹⁾	W. (kg)
MF1	Poison chest 12 L	380 x 470 x 205	370 x 460 x 170	12	-	2	10	10
MF2	Poison chest 19 L	580 x 470 x 205	570 x 460 x 170	19	-	4	10	15
MF4	Cabinet with ventilation	1975 x 1000 x 500	1920 x 980 x 480	250	60	3	50	100
MF4SV	Cabinet without ventilation	1975 x 1000 x 500	1920 x 980 x 480	250	60	3	50	100
ESMF4	Additional shelf	-	-	-	-	-	-	6
SPMF4	Additional shelf in PVC	-	-	-	-	-	-	5
TCMF4	Sliding drawer	-	-	-	-	-	-	10

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Anti-fire equipments and Files cabinets

Showers and first-aid equipments

RANGE 11+B**EN 14470-1 EN 1363-1 FM 6050**

MULTIRISK CABINETS EN 14470-1 TYPE 90 AND 60 MINUTES



CERTIFICATION

- « Flammable » compartment tested and approved according to EN 14470-1 (04/2044) norm and FM 6050 norm.
- Large warning labels in compliance with ISO 3864, 92/58/CEE European directive, EN 14470-1 (04/2004) and NF X08.003 norm.

ADVANTAGES

- Allows segregated storage per product families.
- Fire resistance tested and approved by an independant European laboratory.
- « Corrosives » compartments built in cellular PVC, offering high chemical corrosion resistance.

SPECIFICATIONS

- Storage in 4 separate compartments with ventilation (Ø100) centralized on the cabinet roof (for possible connection).

« Flammables » compartment EN 14770-1 :

- Double wall construction: outer housing made of sheet steel; inner body made of H.P.L (High pressure laminated) coated sheet.
- Thermal insulation panel between the walls avoiding thermal bridges.
- White epoxy paint RAL 9010.
- «Flammable» and «No open flame» large warning labels.
- Static ground connection.
- Opening vents with outlet Ø 100 mm for possible external connexion.
- In case of fire a thermo-fuse automatically seals off the ventilation system.
- Thermo-expanding seals off the door allow keeping the internal body fireproof.
- Self-locking door with cylinder lock.
- Key-locking system.
- Possibility to keep the door open. If the temperature rises to 50°C, a fuse link closes the door automatically.
- 3 adjustable containment shelves.
- Removable bottom containment sump.

« Acids » compartment :

- Built in white Cellular PVC/or melanine-based wood.
- «Acid» large warning label.
- High and low vent.
- Handling glass door with key-locking system.
- 3 retention sliding drawers

« Bases » compartment :

- Built in white Cellular PVC/or melanine-based wood.
- «Bases» large warning label.
- High and low vent..
- Handling glass door with key-locking system.
- 1 retention sliding drawer.



« Toxics » compartment :

- Built in white Cellular PVC/or melanine-based wood.
- «Toxic» large warning label.
- High and low vent..
- Handling glass door with key-locking system.
- 1 retention sliding drawer.

Each compartment is divided in major and one (or two) secondary compartment (H 420 x W 110 x D 540 mm). The second one may be used for empty bottles storage. See table.

OPTIONS

- Additional shelf and perforated cover plate for «flammables» compartment.
- Additional base trough and shelf for secondary compartments.

P/N		Flammable compartment fireproof (minutes)	Outside dimensions H x W x D (mm)	W. (kg)	Major compartments details					Number of secondary compartment
Acids/Bases/Toxics compartment					Description	Inside Dimension H x W x D (mm)	Storage capacity (L)	Containment capacity (L)	Number of containment sump/shelves	
Cellular PVC version	Melanine base wood									
MR9+	MR9B+	105	2205 x 1270 x 615	400	Flammables	1620 x 490 x 410	105	17	4	-
						Acids	870 x 467 x 540	55	51	3
MR6+	MR6B+	60		390	Bases	420 x 467 x 540	25	17	1	1
					Toxics	420 x 467 x 540	25	17	1	1
E48		-	30 x 490 x 410	3	Additional shelf for «flammables» compartment					
C148		-	90 x 480 x 400	4	Perforated cover plate to put into the retention tank of the «flammables»					
E8A2		-	84 x 457 x 482	6	Additional sliding drawer for major «acids», « bases», or «toxics» major					

Refer to the table of chemical incompatibilities and precautions for use, to validate the configuration of your cabinet according to your needs.

RANGE 790+M

EN 14470-1 EN 1363-1



EN 14470-1 MULTIRISK CABINETS – 105 MINUTES

CONFORMITY

- Tested and approved according to EN 14470-1 (04/2004) and EN 1363-1 (06/2000).
- Normalized labelling according to ISO 3864 and EN 14470-1 (04/2004) norms, and 92/58/CEE european directive.

- Drawer / sliding retention tray
- PVC surprotections
- Ventilation or filter casings
- Absorbent mats to be placed at the bottom of the holding tank (packets of 10 sheets)
- Possibility of yellow doors on models 794 and 795

ADVANTAGES

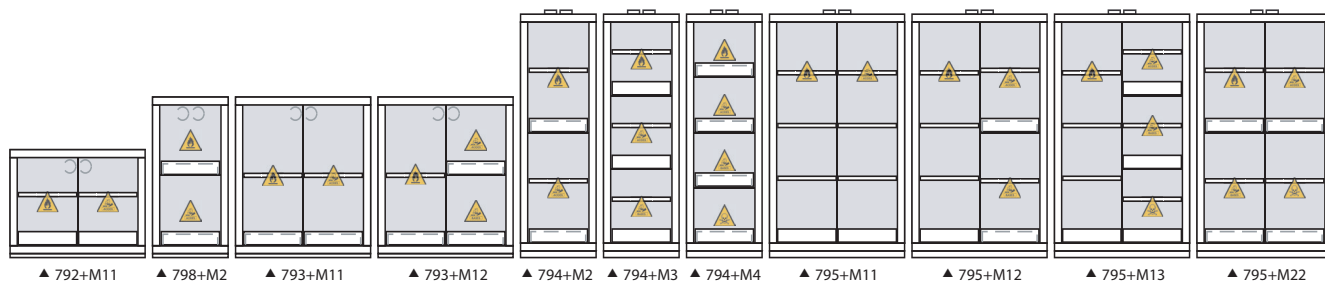
- Fire resistance during 105 minutes (approved Type 90) in accordance with ISO 834 fire heating curve.
- Tested and approved by an independent European laboratory.
- Possibility to separate the dangerous products families.
- Handle on the entire height of the cabinet for better ergonomics and ease of opening
- Frame allowing easy movement by pallet truck: avoids heavy handling and allows easy movement of the cabinet in case of new development
- Attractive and easy-to-use skirting board without the need for a fixing tool

TECHNICAL DATA

Please check the technical data of flammable compartment Range 11.B. (previous page).
You can also check the technical data of multirisk cabinet 7.90M in Flammable cabinets section.

OPTIONS

- Extra shelf
- Grating for retention tank



P/N	Description	Compartment type and storage capacity (L) ⁽¹⁾				Dimensions H x W x D (mm)	Delivered with			Maximum load by shelf ⁽²⁾	W. (kg)
							Containment shelves	Containment sump	Perforated cover plate		
792+M11	Under-bench cabinet 2 doors with 2 compartments	28	28	-	-	630 x 635 x 570 ⁽¹⁾	2	2	option	30	221
793+M11	Working cover cabinet 2 doors with 2 compartments	55	55	-	-	1080 x 1135 x 620 ⁽²⁾	2	2	2	30	311
793+M12	Working cover cabinet 2 doors with 3 compartments	55	28	-	28	1100 x 1137 x 620 ⁽²⁾	1	3	3	30	317
798+M2	Working cover cabinet 1 door with 2 compartments	28	28	-	-	1100 x 635 x 620 ⁽²⁾	-	2	2	30	194
794+M2	Tall cabinet 1 door with 2 compartments	55	55	-	-	1950 x 635 x 620 ⁽³⁾	2	2	2	30	304
794+M3	Tall cabinet 1 door with 3 compartments	30	30	-	30	1950 x 635 x 620 ⁽³⁾	3	3	option	30	307
794+M4	Tall cabinet 1 door with 4 compartments	22	22	22	22	1950 x 635 x 620 ⁽³⁾	-	4	4	30	320
795+M11	Tall cabinet 2 doors with 2 compartments	120	120	-	-	1950 x 1137 x 620 ⁽³⁾	6	2	option	30	477
795+M12	Tall cabinet 2 doors with 3 compartments	120	55	-	55	1950 x 1137 x 620 ⁽³⁾	5	3	2	30	486
795+M13	Tall cabinet 2 doors with 4 compartments	120	28	28	28	1950 x 1137 x 620 ⁽³⁾	6	4	option	30	489
795+M22	Tall cabinet 2 doors with 4 compartments	55	55	55	55	1950 x 1137 x 620 ⁽³⁾	4	4	4	30	497

(1) Depth with connecting sleeve at the back. Depth without sleeve: 520 mm
 (2) Depth with the connection sleeve at the back. Depth without sleeve: 620 mm
 (3) Height with the connection sleeve above. Height without sleeve: 1900 mm
⁽¹⁾ Compartments customization on request ⁽²⁾ Evenly distributed

Refer to the table of chemical incompatibilities and precautions for use, to validate the configuration of your cabinet according to your needs.

The manufacturer reserves the right to discontinue or change specifications or designs at any time without notice and without incurring obligations. 08/2019

Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods, filtering cabinets - Ventilation

Containment and Cans

Anti-fire equipments and Files cabinets

Showers and first-aid equipments

RANGE 6

NF EN ISO 1182 CE



UNDER-BENCH SAFETY CABINETS



▶ SV50



◁ SV30 + 4RPV



▷+▲ AB60 + 4RPV

CERTIFICATION

- In compliance with EN ISO 1182 (SV50 model).
- Large warning labels in compliance with ISO 3864 norm and 92/58/CEE european directive.
- Fan: CE marking (in option).

ADVANTAGES

- One cabinet for each type of chemical used.
- Possibility of connection between models (exemple: toxic + corrosive, see table) except for SV50 model.
- Especially designed to settle under the bench.

PASSIVE SECURITY

- Built in steel 15/10th (except ▶ SV50 model: built in steel 12/10th + 20 mm mineral fiber insulation).
- Double wall door in steel 15/10th (except ▶ SV50 model: double wall doors in steel 12/10th + 20 mm mineral fiber insulation).
- Epoxy paint : Yellow RAL 1023 (◁ flammable products); Blue RAL 5015 (▷ corrosive products); White RAL 9010 (▷ solvent, ▲ base products and ▲ toxic products).
- Large warning labels.
- Adjustable steel retention shelf (▷ corrosive models equipped with retention tray in PVC).
- Removable bottom containment sump (100 mm high; for «Corrosive» model ▷, sump made in PVC); optional containment sump for SV50.

ACTIVE SECURITY

- High and low vents Ø 100 mm.
- Self-closing system of the door (except ▶ SV50 model).
- Doors with key-lock system.
- Adjustable feet (except ▶ SV50 model).

OPTIONS

All cabinets (except SV50 model):

- 4 swivel castors (2 with locking) ref. 4 RVP.
- Electric fan for ▷ «Acids», ▲ «Base» and ▲ «Toxic» models : 220-240 volts - 18 W - 0,1 A - 37,5 dB(A) (without airflow) - Flow: 90 m³/h - IPX4 protection - CEI 62.18 agreements (ref. M100/4).
- Power regulation box for fan (ref. BCDE).

SV50 model only:

- SECURITY kit (self-closing system of the doors + firebreak valve for air outlet) in option.



WARNING! The AC30 model should not be used with high corrosive products (sulfuric acid, nitric acid, phenol, hydrochloric acid) and requires an exhausting system to improve the life cycle. For high corrosive products storage please refer to our 8.A range (ref. APC31). For flammable products storage in laboratories refer to our brochure EN14470-1 Safety cabinets.

P/N	Outside dim. H x W x D (mm)	Inside dim. H x W x D (mm)	Storage capacity (L)	Containment capacity (L)	Number of shelves	Maximum load by shelf ⁽²⁾	Weight (kg)
▶ SV50 (flammables)	750** x 1000 x 450 **without feet: height 670 mm	650 x 950 x 400	50	42	1	75	62
▶ GL04	Option base trough in steel for SV50						5
▶ SECURITE+	For SV50 model, self-closing system of the doors + firebreak valve for air outlet						
▶ SV30 (flammables)	670 x 550 x 500	650 x 530 x 470	30	28	1	50	30
◁ AC30 (acids)	670 x 550 x 500	650 x 530 x 470	30	28	1	50	30
▷ BA30 (bases)	670 x 550 x 500	650 x 530 x 470	30	28	1	50	30
▶ TO30 (toxics)	670 x 550 x 500	650 x 530 x 470	30	28	1	50	30
▶▲ AB60 (acids+bases)	670 x 1100 x 500	(2x) 650 x 530 x 470	60 (2x 30)	56 (2x 28)	2	50	60
▷+▲ AS60 (acids+flammables)	670 x 1100 x 500	(2x) 650 x 530 x 470	60 (2x 30)	56 (2x 28)	2	50	60
▷+◁ BS60 (bases+flammables)	670 x 1100 x 500	(2x) 650 x 530 x 470	60 (2x 30)	56 (2x 28)	2	50	60
▶+◁ AT60 (acids+toxics)	670 x 1100 x 500	(2x) 650 x 530 x 470	60 (2x 30)	56 (2x 28)	2	50	60
▷+▲ BT60 (bases+toxics)	670 x 1100 x 500	(2x) 650 x 530 x 470	60 (2x 30)	56 (2x 28)	2	50	60
▶+▲ ST60 (flammables+toxics)	670 x 1100 x 500	(2x) 650 x 530 x 470	60 (2x 30)	56 (2x 28)	2	50	60
◁+▲ ABS90 (acids+bases+flammables)	670 x 1650 x 500	(3x) 650 x 530 x 470	90 (3x 30)	84 (3x 28)	3	50	90
▷+▲+◁ ABST120 (acids+bases+flammables+toxics)	670 x 2200 x 500	(4x) 650 x 530 x 470	120 (4x 30)	112 (4x 28)	4	50	120
▷+▲+◁+▲ 4ROU	4 swivel castors (2 with locking); height with castors: 745 mm						1
M100/4	Single-phase fan (90 m ³ /h -220 volts) for ▷, ▲ or ▲ models						1
BCDE	Power regulation box for fan ref. M100/4 with warning light and air flow variator						1

⁽¹⁾ Evenly distributed

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