SAFETY CABINETS FOR TOXICS AND MULTIRISK SAFETY CABINETS

Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods and cabinets

Retention and Cans

Anti-fire equipments and Files cabinets

Showers and first-aid equipments

Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods and cabinets

Retention and Cans

Anti-fire equipments and Files cabinets

Showers and first-aid equipments

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 safety.

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

CERTIFICATION

The homologated laboratory – MPA Dresden (GER) – has controlled and certified GS our safety cabinets (Range 6 page 3, Range 14 page 4, Range 18 page 5 and Range 11.A page 8, .
The GS certification guarantees the quality and the very good level of security of our products (respecting our manufacturer recommendations).

MPA Dresden

GS

NORMALIZATION

Public health (relates to toxics)
Toxics and poisonous chemicals must be stored in a specific place equipped with key closing.
Recommendation (relates to different families of chemicals)
Non compatible chemicals must be stored in separate cabinets or compartments.
Environment (relates to pollutants)
Each chemical liable to pollute water or soil must be stored with a retention tank.
European norm EN 14470-1 (relates 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.		
				Xn	Xi	Range 6 (page 3)	Range 14 (page 4)	Range 18 (page 5)	Range 11.D (page 7)	Range 14.E (page 12)	Range 13 (page 9)	Range 11.C (page 6)	Range 11.A (page 8)	Range 11.B / Range 7.90 (page 10 & 11)
(flammable)	+	-	-	O	+	X	X		X	X		X	X	X
(corrosive)	-	O	-	O	O	X	X		X	X		X	X	X
(toxic)	-	-	+	+	O	X	X	X	X	X	X	X	X	X
(Xn harmful)	O	-	+	+	+	X	X	X	X	X	X	X	X	X
(Xi irritant)	+	O	O	+	+	X	X	X	X	X	X	X	X	X

+ Compatible products

O 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.
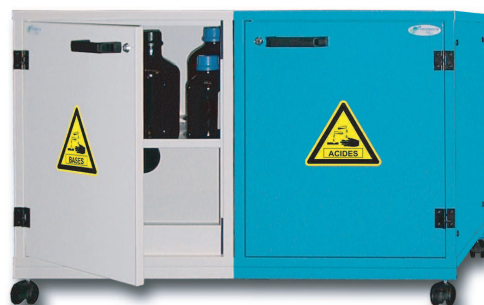
The manufacturer keeps the right to modify the technical characteristics without notice. Edition 10/2009.

Range 6

EN ISO 1182 $C\epsilon$ GS

UNDER-BENCH SAFETY CABINETS

❶ SV50   ❷ SV30 + 4RPV   (❸ + ❹) AB60 + 4RPV

CONFORMITY
- In compliance with EN ISO 1182 (SV50 model).
- Large warning labels in compliance with ISO 3864, 92/58/CEE European directive and norm NF X08.003.
- Fan: 0 marking.
- Tested en approved GS by MPA DRESDEN laboratory.

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

PASSIVE SECURITY
- Built in steel 15/10th (except ❶ SV50 model: built in steel 12/10th + 20 mm mineral fiber insulation).
- Double wall door in steel 15/10th (except ❶ SV50 model: double wall doors in steel 12/10th + 20 mm mineral fiber insulation).
- Epoxy paint : Yellow RAL 1023 (❷ flammable products); Blue RAL 5015 (❸ corrosive products); White RAL 9010 (❶ solvent, ❹ base products and ❺ toxic products).
- Large warning labels.
- Adjustable steel retention shelf (❸ corrosive models equiped with retention tray in PVC).
- Removable steel retention tank (100 mm high) at the bottom of the cabinet (for "Corrosive" model ❸, tank made in PVC).

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

OPTIONS
All cabinets (except SV50 model):
- 4 swivel castors (2 with locking) ref. 4 RVP.
- Electric fan IP 44; 220 v; CEI 61.28 agreements; 90 m3/h for ❸ "Acids", ❹ "Base" and ❺ "Toxic" models. (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, hydrocloric acid) and requires an exhausting system to improve the life cycle. For high-corrosive products storage please refer to our 8A range (ref. APC30). For flammable products storage in laboratories refer to our brochure EN14470-1 Safety cabinets.

Reference		External dim. H x W x D (mm)	Internal dim. H x W x D (mm)	Storage capacity (L)	Retention capacity (L)	Number of shelves	Weight (kg)
❶	SV50 (flammables)	750** x 1000 x 450 **without feet: height 670mm	650 x 950 x 400	50	42	1	62
	SECURITE+	For SV50 model, self-closing system of the doors + firebreak valve for air outlet.					
❷	SV30 (flammables)	670 x 550 x 500	650 x 530 x 470	30	28	1	30
❸	AC30 (acids)	670 x 550 x 500	650 x 530 x 470	30	28	1	30
❹	BA30 (bases)	670 x 550 x 500	650 x 530 x 470	30	28	1	30
❺	TO30 (toxics)	670 x 550 x 500	650 x 530 x 470	30	28	1	30
❸+❹	AB60 (acids + bases)	670 x 1100 x 500	(2x) 650 x 530 x 470	60	56	2	60
❸+❷	AS60 (acids + flammables)	670 x 1100 x 500	(2x) 650 x 530 x 470	60	56	2	60
❹+❷	BS60 (bases + flammables)	670 x 1100 x 500	(2x) 650 x 530 x 470	60	56	2	60
❸+❷	AT60 (acids + toxics)	670 x 1100 x 500	(2x) 650 x 530 x 470	60	56	2	60
❹+❺	BT60 (bases + toxics)	670 x 1100 x 500	(2x) 650 x 530 x 470	60	56	2	60
❷+❺	ST60 (flammables + toxics)	670 x 1100 x 500	(2x) 650 x 530 x 470	60	56	2	60
❸+❹+❷	ABS90 (acids + bases + flammables)	670 x 1650 x 500	(3x) 650 x 530 x 470	90	84	3	90
❸+❹+❷+❺	ABST120 (acids + bases + flammables + toxics)	670 x 2200 x 500	(4x) 650 x 530 x 470	120	112	4	120
	4RPV	4 swivel castors (2 with locking); height with castors: 730 mm.					1
	M100/4	Single-phase fan (90 m3/h -220 volts) for ❸, ❹ or ❺ models.					1
	BCDE	Power regulation box for fan ref : M100/4					1

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Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods and cabinets

Retention and Cans

Anti-fire equipments and Files cabinets

Showers and first-aid equipments

RANGE 14

GS

SECURE CABINETS FOR DANGEROUS PRODUCTS

AS1

AS3DD

CONFORMITY
- In compliance with the articles R5132-66 and R5132-68 of health regulation.
- In compliance with recommendations of The National Institute of Research and Safety at work.
- Large warning labels in compliance with ISO 3864, 92/58/CEE European directive and NF X08.003 norm.
- Tested and approved GS by MPA DRESDEN laboratory.

ADVANTAGES
- Inexpensive solution for your dangerous products storage.
- Available in 3 versions : "Flammable", "Corrosive" or "Toxic" products.

PASSIVE SECURITY
- Built in steel 10/10th.
- White epoxy paint RAL 9010.
- "Flammable", "Corrosive", "Toxic" or "Harmful" large warning labels.
- 3 adjustable retention shelves.
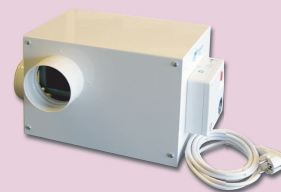- Removable retention tank at the bottom (100 mm height).

ACTIVE SECURITY
- High and low vents:
  • double grating air inlets in the bottom of the doors.
  • top air outlet Ø 100 mm with grating.
- Handling doors with key-locking system.

OPTIONS
- Additional shelf.
- Retention shelf and tank in PVC for corrosive products.
- Industrial absorbent mat for retention tank (Ref. JF10D).

To protect the users health and to improve the life cycle and the safety of your cabinet we recommend to install an exhausting system. Please contact us for more information.

WARNING! For safety reasons, do not store different product families together in the same compartment. Do not store high-corrosive products like sulfuric acid, nitric acid, hydrochloric acid...

Reference	Description	External dim. H x W x D (mm)	Internal dim. H x W x D (mm)	Storage capacity (l)	Retention capacity (l)	Number of shelves	W. (kg)
AS1	Single door cabinet for flammable products	1800 x 560 x 500	1760 x 540 x 480	150	46	3	80
AS1DD	Double doors cabinet for flammable products	1800 x 1120 x 500	1760 x 1100 x 480	300	91	3	155
AS2	Single door cabinet for corrosive products	1800 x 560 x 500	1760 x 540 x 480	150	46	3	80
AS2DD	Double doors cabinet for corrosive products	1800 x 1120 x 500	1760 x 1100 x 480	300	91	3	155
AS3	Single door cabinet for toxic products	1800 x 560 x 500	1760 x 540 x 480	150	46	3	80
AS3DD	Double doors cabinet for toxic products	1800 x 1120 x 500	1760 x 1100 x 480	300	91	3	155
AS4	Single door cabinet for irritating/harmful products	1800 x 560 x 500	1760 x 540 x 480	150	46	3	80
AS4DD	Double doors cabinet for irritating/harmful products	1800 x 1120 x 500	1760 x 1100 x 480	300	91	3	155
EE1	Additional shelf for single door cabinet	20 x 540 x 470	-	-	5	-	4
ESASDD	Additional shelf for double doors cabinet	20 x 1080 x 470	-	-	10	-	8
SEPVC	Retention shelf in PVC*	20 x 530 x 460	-	-	5	-	1
SBPVC	Retention base trough in PVC*	100 x 530 x 460	-	-	22	-	2

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*CAUTION! For double doors models 2 pieces by level are required.

RANGE 18

SAFETY CABINETS WITH GLAZED DOORS FOR TOXIC AND NOXIOUS PRODUCTS

CONFORMITY

- In compliance with articles R5132-66 and R5138-66 of the health regulation.
- Large warning labels in compliance with ISO 3864, 92/58/CEE European directive and NF X08.003 norm.
- Tested and approved GS by MPA DRESDEN laboratory.

ADVANTAGES

- Economic solution for dangerous products storage.
- Easy sight of the stored products thanks to glazed doors.
- Available in 2 versions, for toxic products or for noxious products.

PASSIVE SECURITY

- Built in steel 10/10th.
- White epoxy paint RAL 9010.
- "Toxic" or "Noxious" large warning labels.
- 3 adjustable shelves in height.
- 1 removable retention base trough at the bottom (180 mm high).

ACTIVE SECURITY

- High opening vent Ø 100 mm with connecting piece for possible exhaust.
- 4 mm thick glazed door(s).
- Handling door(s) with key-locking system.
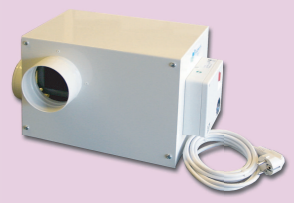
OPTIONS

- Additional shelf.

AJ3D

AJ4 +
option ESAJ

WARNING! For safety reasons (chemical reactions between incompatible products) the different product families must be stored separately.

To protect the users health and to improve the life cycle and the safety of your cabinet we recommend to install an exhausting system. Please contact us for more information.

Ref.	Description	External dim. H x W x D (mm)	Internal dim. H x W x D (mm)	Storage capacity (L)	Retention capacity (L)	Number of shelves	W. (kg)
AJ3	One door cabinet for toxic products	1975 x 530 x 400	1920 x 510 x 380	150	19	3	75
AJ3D	Two doors cabinet for toxic products	1975 x 1000 x 400	1920 x 980 x 380	300	37	3	145
AJ4	One door cabinet for noxious/irritant products	1975 x 530 x 400	1920 x 510 x 380	150	19	3	75
AJ4D	Two doors cabinet for noxious/irritant products	1975 x 1000 x 400	1920 x 980 x 380	300	37	3	145
ESAJ	Additional shelf for one door cabinet	25 x 510 x 350	-	-	-	-	4
ESAJD	Additional shelf for two doors cabinet	25 x 980 x 350	-	-	-	-	8

Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods and cabinets

Retention and Cans

Anti-fire equipments and Files cabinets

Showers and first-aid equipments

RANGE 11.C

MODULABLE COMPARTMENTS CABINETS

| AS | A2PCA | A3PCA | A2+2PCA |

CONFORMITY
- In compliance with the health regulation articles (R5132-66 & R5132-68).
- Large warning labels in compliance with ISO 3864, NF X08.003 norm and the European directive 92/58/CEE.

ADVANTAGES
- Possibility to separate the dangerous product families (in compliance with the National Institute of Research and Safety at work.
- Modulable solution for the storage of your chemicals.
- Internal equipments of the different compartments following your needs.
- Possibility to join the different models together.

PASSIVE SECURITY
- Built in steel 10/10th.
- White epoxy paint RAL 9010.
- "Toxic", "Flammable", "Harmful" or "Acid" large warning label following your needs
- Steel retention shelves adjustable in height.
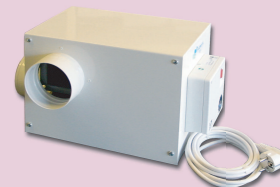- One removable base trough in steel in the bottom of each compartment.

ACTIVE SECURITY
- High and low vents Ø 100mm outlet for possible external connection.
- Handling door(s) with key locking.

OPTIONS
- PVC equipment for acid compartment including PVC protection shelves and PVC retention tank.
- Additional shelf in steel.
- Industrial absorbent mat (Ref JP 10).

To protect the users health and to improve the life cycle and the safety of your cabinet we recommend to install an exhausting system. Please contact us for more information.

EUROPEAN MANUFACTURE

Reference	Description	Dimensions H x W x D (mm)	Compartments capacity		N° of Shelves	W. (kg)
			Storage (l)	Retention (l)		
AS	1 compartment cabinet	1825 x 560 x 500	150	43	3	60
A2P	2 compartments cabinet	1825 x 560 x 500	110 (2x 55)	74 (2x 37)	4 (2x 2)	65
A3P	3 compartments cabinet	1825 x 560 x 500	90 (3x 30)	96 (3x 32)	3 (3x 1)	70
Options for acids compartments						
CAP1P	3 PVC protection shelves and 1 PVC retention tank for AS					3,5
CAP2P	2 PVC protection shelves and 1 PVC retention tank for A2P					3
CAP3P	1 PVC protection shelf and 1 PVC retention tank for A3P					2,5
Exemples for equipped and/or assemblied cabinets						
A2PCA	2 compartments cabinet with one acid equipped compartment ref CAP2P	1825 x 560 x 500	110 (2x 55)	74 (2x 37)	4 (2x 2)	64
A3PCA	3 compartments cabinet with one acid equipped compartment ref CAP3P	1825 x 560 x 500	90 (3x 30)	96 (3x 32)	3 (3x 1)	73
A2+2PCA	4 compartments cabinet (2 x cabinetsA2P) with one acid equipped compartment ref CAP2P	1825 x 1120 x 500	220 (4x 55)	148 (4x 37)	8 (4x 2)	124
A3+3PCA	6 compartments cabinet (2 x cabinetsA3P) with one acid equipped compartment ref CAP3P	1825 x 1120 x 500	180 (6x 30)	192 (6x 32)	6 (6x 1)	143

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Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Fume hoods and cabinets

Retention and Cans

Anti-fire equipments and Files cabinets

Showers and first-aid equipments

RANGE 11.D

MULTIRISK MODULAR COMPARTMENTS CABINETS

A4T

Strong rubber wheels insure steadiness

CONFORMITY
- In compliance with the health regulation articles (R5132-66 & R5132-68) and with the recommendations of the National Institute of Research and Safety at work.
- Large warning labels in compliance with ISO 3864, NF X08.003 norm and the European directive 92/58/CEE.

ADVANTAGES
- Possibility to segregate the dangerous product families (in compliance with the National Institute of Research and Safety at work).
- Modular solution for the storage of your chemicals.
- Individual equipments of the different compartments following your needs.
- Possibility to join the different modules together.
- Supplied with "Toxic", "Flammable", "Harmful" or "Acid" large warning labels following your needs (to stick on according to your storage).
- One large Sliding drawer per module allowing easy access of the products from both sides and insuring visibility.
- Strong rubber wheels easing the opening of the door while insuring the steadiness of the cabinet.

PASSIVE SECURITY
- Built in steel 10/10th.
- White epoxy paint RAL 9010.
- Steel retention shelves (height: 50 mm) adjustable in height.
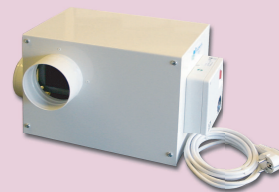
ACTIVE SECURITY
- High and low vents 0 100mm outlet for possible external connection.
- Handling door(s) with key locking.
- Per module : one large Sliding drawer on rails.

OPTIONS
- Additional steel retention shelves (ref. ES1T).
- Protection shelves in PVC (ref. ESP1T).
- PVC equipment for acid compartment including PVC protection shelves and PVC retention tank (ref. CAP1T).
- Industrial absorbent mat (ref. JP 10).

EUROPEAN MANUFACTURE

To protect the users health and to improve the life cycle and the safety of your cabinet we recommend to install an exhausting system. Please contact us for more information.

Reference	Description	Dimensions H x W x D (mm)	Compartments capacity		N° of shelves	W. (kg)
			Storage (bottles)	Retention (l)		
A1T	One module cabinet	1825 x 560 x 500	48 x 2,5L	40	4	80
A2T	Two modules cabinet	1825 x 1120 x 500	98 (2x 48) x 2,5 L	80 (2x 40)	8 (4x 2)	160
A3T	Three modules cabinet	1825 x 1680 x 500	144 (3x 48) x 2,5 L	120 (3x 40)	12 (4x 3)	240
A4T	Four modules cabinet	1825 x 2240 x 500	192 (4x 48) x 2,5 L	160 (4 x 40)	16 (4x 4)	320
ES1T	Additional steel retention shelves	50 x 435 x 445	12 x 2,5 L	10	-	4
ESP1T	Protection shelf in PVC	50 x 430 x 440	12 x 2,5 L	10	-	2
CAP1T	4 PVC protection shelves and 1 PVC retention tank for the "corrosive module"	(4x) 50 x 430 x 440	48 (4x 12) 2,5L	40 (4 x 10)	-	8

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Showers and first-aid equipments

RANGE 11.A   CE GS

COMPARTMENTS SAFETY CABINETS

SV150

AB55

SV90

AB75

CONFORMITY

- In compliance with the health regulation articles (R5132-66 & R5132-68).
- Large warning labels in compliance with ISO 3864, NF X08.003 norms and 92/58/CEE European directive.
- Fan with 0 marking.
- Tested and certified GS by MPA DRESDEN laboratory.

ADVANTAGES

- Possibility to separate the dangerous products families in compliance with The National Institute of research and Safety at work (INRS).

PASSIVE SECURITY

- Built in steel 15/10th. Double wall door in steel 15/10th.

- White epoxy paint RAL 9010.
- "Toxic", "Flammable", "Bases" or "Acids" large warning labels.
- Steel retention shelves adjustable in height.
- Retention shelf in PVC for "Acid" compartment.
- 1 removable base trough in steel for bases compartment (except "Acids" compartment: base trough in PVC).

ACTIVE SECURITY

- High and low vents Ø 100 mm outlet (for possible external connexion).
- Handling doors with key-locking system.
- 220V-50Hz electric fan (AB55 and AB75 models).

OPTIONS

- Additional shelf.
- Industrial absorbent mat (ref. JF10D).

Ref.	Description	Dimensions H x W x D (mm)	Compartment capacity		Number of shelves	Fan	Compartment type				W. (kg)
			Storage (l)	Retention (l)			ACIDS	BASES	(flammable)	(toxic)	
AB55	Under-bench cabinet with fan	Ext. 670 x 1100 x 500 Int. (2x) 650 x 530 x 470	60 (2x 30)	56 (2x28)	2	85m³/h	x	x			
AB55SC	Under-bench cabinet without fan					-	x	x			60
AS55SC	Under-bench cabinet without fan					-	x		x		
AB75	High cabinet with fan	Ext. 2080 x 560 x 560 Int. (2x) 890 x 530 x 470	110 (2x 55)	70 (2x35)	4	110 m³/h	x	x			75
AB75SC	High cabinet without fan	Ext. 1830 x 560 x 560				-	x	x			68
AS75SC	High cabinet without fan	Int. (2x) 890 x 530 x 470				-	x		x		
SV90	High cabinet without fan	Ext. 1995 x 550 x 560 Int. (3x) 640 x 540 x 480	90 (3x 30)	84 (3x28)	3	-	x	x	x		90
ESV90	Additional shelf for SV90 model										2
EPSV90	Additional shelf in PCV for SV90 model										2
CASV90	Additional "Acid" compartment equipment										3
SV150	High cabinet without fan	Ext. 1830 x 1120 x 560 Int. (4x) 890 x 530 x 470	220 (4x 55)	140 (4x35)	8	-	x	x	x	x	150
ESV150	Additional shelf for SV150 model										2
EPSV150	Additional shelf in PCV for SV150 model										2
CASV150	Additional "Acid" compartment equipment										3

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Compartments customization ON REQUEST.

Flammable cabinets

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Toxic cabinets and multirisk

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Fume hoods and cabinets

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Showers and first-aid equipments

RANGE 13

CE

VENTILATED SAFETY CABINETS FOR REAGENTS AND TOXIC PRODUCTS

CONFORMITY
- In compliance with the health regulation articles (5132-66 & R5132-68).
- Large warning labels in compliance with ISO 3864, 92/58/CEE European directive and NF X08.003 norm.
- Fan in compliance with EN 60335-2-80 5 (part 2), EN 68529, CE 107-53/1986, 0   marking standards.

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 retention shelves adjustable in height with rack system.
- Removable retention tank at the bottom of cabinet (100 mm height).

ACTIVE SECURITY
- Integrated electric fan: 220 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 retention shelf in PCV.
- Sliding drawer.
- "Poison" chests (see below).

MF4 model with MF1 "poison" chest option.

"POISON" CHESTS

Can be used as wall mounted cabinets to store dangerous products or as 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.

MF2   MF1

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

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RANGE 11.B   **EN** 14470-1   CE

MULTIRISK CABINETS EN 14470-1
TYPE 90, 60, 30 or 15 MINUTES

CONFORMITY
- "Flammable" compartment tested and approved according to EN 14470-1 (04/2004) 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 famillies.
- Fire resistance tested and approved by an independent European laboratory.
- "Corrosive" 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).

EN 14770-1 "Flammable" compartment:
- 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 retention shelves.
- Removable retention tank on the bottom.

"Toxic" compartment :
- Built in white Cellular PVC.
- "Toxic" large warning label.
- High and low vent.
- Handling glazed door with key-locking system.
- 1 retention sliding drawer.

"Bases" compartment :
- Built in white Cellular PVC.
- "Bases" large warning label.
- High and low vent.
- Handling glazed door with key-locking system.
- 1 retention sliding drawer.

MR9

TESTED
105 minutes
ACCORDING TO
EN 14470-1

"Acid" compartment :
- Built in white Cellular PVC.
- "Acid" large warning label.
- High and low vent.
- Handling glazed door with key-locking.
- 3 retention sliding drawers.

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 shelves (ref.: E8A2 and E794).
- Perforated cover plate (ref.: C794).

Ref.	Fire resistance (minutes)	Externals dim. H x W x D (mm)	W. (kg)	Major compartments details					Number of secondary compartment
				Description	Internals dim. H x W x D (mm)	Storage capacity	Retention capacity (L)	Number of retention shelves/tanks	
MR9	90		395	Flammable	1620 x 490 x 410	105 L	38	4	0
MR6	60	1950 x 1270 x 615	390	Acids	870 x 467 x 540	102 Kg	42	3	2
MR3	30		385	Bases	420 x 467 x 540	34 Kg	14	1	1
MR1	15		380	Toxic	420 x 467 x 540	34 Kg	14	1	1
E794	-	30 x 490 x 410	3	Additional shelf for "flammable" compartement					
C794	-	90 x 480 x 400	4	Perforated cover plate to put in retention tank for "flammable" compartment					
E8A2	-	84 x 457 x 482	6	Additional sliding drawer for major "Acid"/"Base"/"Toxic" compartements					

Flammable cabinets

Corrosive cabinets

Toxics cabinets and multirisk

Pesticide range

Fume hoods and cabinets

Retention and Cans

Anti-fire equipments and Files cabinets

Showers and first-aid equipments

RANGE 7.90

EN 14470-1 EN 1363-1 CE

EN 14470-1 MULTIRISK CABINETS - 105 min

NORMS AND REGULATIONS

- Tested and approved according to EN 14470-1 (04/2004) and EN 1363-1 (06/2000).
- Normalized labelling according to ISO 3864, 92/58/CEE Directive and EN 14470-1 (04/2004).
- In compliance with the health regulation articles (R5132-66 & R5132-68) for the multirisk cabinets.

ADVANTAGES

- Fire resistance during 90 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 in compliance with The National Institute of Research and Safety at work (I.N.R.S.).
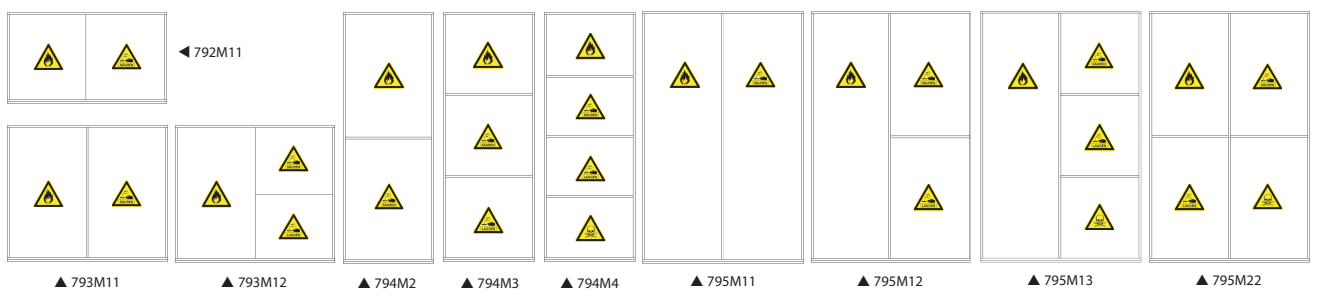
TECHNICAL DATA

Pease, check the EN 14470-1 flammable compartment capter page 10.

Pease, check our brochure EN 14470-1 Safety cabinets for flammable and explosive products.

APPROVED **90** minutes EN 14470-1

TESTED **105** minutes ACCORDING TO EN 14470-1

▲ 795M22 + 1x E7914

▲ 792M11   ▲ 793M11   ▲ 793M12   ▲ 794M2   ▲ 794M3   ▲ 794M4   ▲ 795M11   ▲ 795M12   ▲ 795M13   ▲ 795M22

Ref.	Description	Compartment type and storage capacity (L)*				External Dim. H x W x D (mm)	Delivered with			Weight (kg)
		🔥	ACIDS	☠	BASES		Retention shelves	Base trough	Peforated cover plate	
792M11	Under-bench cabinet, two doors, with 2 compartments	28	28	-	-	670 x 1135 x 615	2	2	option	248
793M11	Working cover cabinet, two doors, 2 compartments	55	55	-	-	1080 x 1135 x 615	2	2	2	347
793M12	Working cover cabinet, two doors, 3 compartments	55	28	-	28	1080 x 1135 x 615	1	3	3	355
794M2	Tall cabinet, one door, with 2 compartments	55	55	-	-	1880 x 635 x 615	2	2	2	336
794M3	Tall cabinet, one door, with 3 compartments	30	30	-	30	1880 x 635 x 615	3	3	option	338
794M4	Tall cabinet, one door, with 4 compartments	22	22	22	22	1880 x 635 x 615	-	4	4	352
795M11	Tall cabinet, two doors, with 2 compartments	120	120	-	-	1880 x 1135 x 615	6	2	option	464
795M12	Tall cabinet, two doors, with 3 compartments	120	55	-	55	1880 x 1135 x 615	5	3	2	476
795M13	Tall cabinet, two doors, with 4 compartments	120	28	28	28	1880 x 1135 x 615	6	4	option	478
795M22	Tall cabinet, two doors, with 4 compartments	55	55	55	55	1880 x 1135 x 615	4	4	4	488

N.B.: In compliance with the EN 14470-1 norm and for the extraction of toxic vapours generated inside your cabinet, **an exhausting system is required**. **In all cases**, before to store chemical products in multirisk cabinets, each user must to contact his safety manager and his chemical products supplier. **Please, check our documentation about exhausting systems.**

Flammable cabinets

Corrosive cabinets

Toxic cabinets and multirisk

Pesticide range

Exhausting systems

Retention and shelvings

Anti-fire equipments and Cans

Showers and first-aid equipments

RANGE 14.E

S

SECURE CABINETS FOR DANGEROUS PRODUCTS

AZ300

AZ150

AZ50

AZ110

CONFORMITY
- In compliance with the health regulation articles (R5132-66 & R5132-68) and with the recommendations of the National Institute of Research and Safety at work.
- Large warning labels in compliance with ISO 3864, NF X08.003 norm and the European directive 92/58/CEE.
- Tested and certified GS.

ADVANTAGES
- Especialy designed for dangerous products storage in compliance with the regulation.
- Inexpensive solution for your dangerous products storage.
- Delivered with 4 large warning labels : "Flammable", "Corrosive" (x2) and "Toxic".
- Working cover cabinet (Ref. : AZ50 et AZ110) are delivered with one rubber cabinet-top work tray.

PASSIVE SECURITY
- Built in steel.

- Epoxy paint :
  • Body : grey (RAL 7035).
  • Door(s): yellow (RAL 1023).
- "Flammable", "Corrosive" and "Toxic" large warning labels.
- Retention shelves/base through (50 mm height).
- Maximum load by shelf : 80 kg.
- Retention shelves adjustable in height.

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

OPTIONS
- Additional retention shelves/base through (ref. : ESE150 and ESE300).
- Galvanized perforated cover plate for retention shelves/base through (ref. : CE150 and CE300).
- Industrial absorbing mat (ref. : JF10D).

Ref.	Description	External dim. H x W x D (mm)	Internal dim. H x W x D (mm)	Storage capacity (L)	Retention capacity (L)	Number of shelves/tank	W. (kg)
AZ50	Working cover cabinet with 1 door	1000 x 500 x 500	890 x 498 x 453	80	20	2	26
AZ110	Working cover cabinet with 2 doors	1000 x 930 x 500	890 x 928 x 453	155	40	2	43
AZ150	Tall cabinet with 1 door	1950 x 500 x 500	1840 x 498 x 453	150	40	4	55
AZ300	Tall cabinet with 2 doors	1950 x 930 x 500	1840 x 928 x 453	300	80	4	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 918 x 443	-	-	20	-	12
CE300	Perforated cover plate for ESE300	50 x 913 x 438	-	-	-	-	10