

# Technical catalogue laboratory furniture



Potteau



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# Type F

The type F system consists of 3 main elements:

- A fixed wooden plinth
- Underbench units supporting the worktop
- The worktop

This fixed wooden construction offers the maximum price/quality ratio. The completely closed construction, with acid-resisting sealed plinths is extremely maintenance-friendly. Penetration of water or undesirable substances in or under the furniture is impossible. With this system the useable storage space of the underbench cupboards and drawers is maximised.

## 1. PLINTH

### Construction:

The plinth is a glued structure of laths in plywood 18 x 100 mm. The whole construction is glued with pine chocks and all exposed parts are faced with laminated sheet, thickness 0.9 mm.

Colour: mouse-grey (RAL 7037).

### Mounting:

The plinth is placed directly on the floor. In order to prevent the penetration of the water while cleaning the rooms, it is sealed with silicone to the floor. The plinth is set back 25 mm from the unit front.

At knee space positions the plinth is provided within the recess between units.

### Alternatives:

- Other heights are available.
- Construction in solid grade laminate.



# type F

## 2. UNDERBENCH UNITS

### Construction:

Refer to page 18-19.

### Colour:

Melamine faced particle board: pearl-grey RAL 7035 or white RAL 9010

Edging - carcass/shelves/drawers: pearl-grey RAL 7035 or white RAL 9010

Edging - doors and drawer fronts: mouse-grey RAL 7037 or white RAL 9010

### Mounting:

The underbench units, fixed to and mounted on a wooden plinth, support the worktop.

### Dimensions:

Height: 650 mm (sitting height) and 820 mm (standing height)

Width: 450/530/600mm

900/1050/1130/1200mm

Depth: 500 mm

HEIGHT 650				HEIGHT 820				head cupboard W:1430
W:450 W:600	W:530	W:900 W:1200	W:1050 W:1130	W:450 W:600	W:530	W:900 W:1200	W:1050 W:1130	
OD	OD	O2	O2	OD	OD	O2	O2	
OG	OG			OG	OG			
ODT		O2T2		ODT		O2T2		
OGT		O2T		OGT		O2T		
T4		TG4		T5		TG5		
TC3				TC4				
ODS	ODS	O2S	O2S	ODS	ODS	O2S	O2S	
OGS	OGS			OGS	OGS			
PS	PS			PS	PS			

## 3. WORKTOP

Different worktops can be chosen in various materials depending on the application: refer to page 20-23.



# type M

A metal self-supporting structure with H-frames form the basis of this system.

The worktop is fixed onto the metal support frame.

The underbench units complete this system by two alternative methods:

- **Type MF:** the units sit on omega metal profiles fixed to the support frames.
- **Type MR:** the mobile units are provided with four castors (two locking) and roll under the worktop between the support frames. The top of the MR units are finished to serve as a writing desk when rolled out from under the bench.

Flexibility is the main advantage of this system. The number of underbench units has no influence at all on the stability of the bench. Likewise, the units and knee spaces can easily change position.

## 1. METAL SUPPORT FRAME

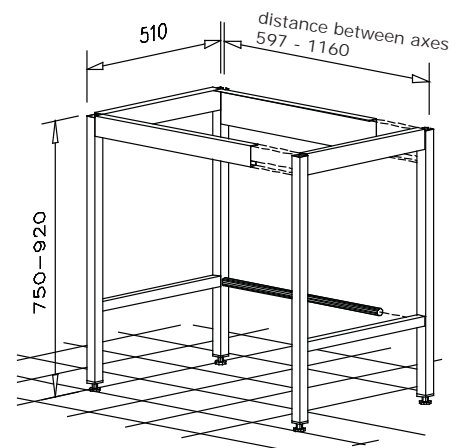
### Construction:

The modular steel frames consist of supporting legs, bottom cross and top rails in steel tube and profiled steelplate. The entire frame is finished with an epoxy coating of 80 micron thickness.

Colour: mouse-grey (RAL 7037)

### Mounting:

The frame is mounted with galvanized bolts and nuts. The supporting legs have foot screws, adjustable in height for levelling.



## 2. UNDERBENCH UNITS

### Construction:

Refer to page 18-19.

### Colour:

Melamine faced particle board: pearl-grey RAL 7035 or white RAL 9010

Edging - carcass/shelves/drawers: pearl-grey RAL 7035 or white RAL 9010

Edging - doors drawer fronts: mouse-grey RAL 7037 or white RAL 9010



### Mounting:

The **MF** underbench units are mounted in-between the supporting legs of the metal frame and are interchangeable.



The **MR** underbench units are provided with four swivel castors with the front two locking. These units roll under the worktop in-between the supporting legs. A worktop in the same material as the carcass is mounted on the single-width (562mm wide) units.

### Infill panels:

The metal frames can be provided with infill panels on the front, back and sides. This way the mechanical and electrical services are hidden. The panels are made of melamine faced particle board, thickness 18 mm, in the same colour as the matching underbench units.

# type M

## Dimensions:

Height:

type **MF** = 480 mm (sitting height) and 650 mm (standing height)

type **MR**, corpus height = 558 mm (sitting height) and 720 mm (standing height)

type **MR**, incl. castors + worktop = 659 mm (sitting height) and 821 mm (standing height)

Width: 562 / 1125 mm

Depth: 500 mm

TYPE MF				TYPE MR			
HEIGHT 480		HEIGHT 650		HEIGHT 659		HEIGHT 821	
W:562	W:1125	W:562	W:1125	W:562	W:1125	W:562	W:1125

### 3. WORKTOP

Different worktops can be chosen in various material depending on the application: refer to page 20-23.

# type VU

The underbench units are suspended from a self-supporting metal structure that consists of C-frames, interconnected by metal span rails. The user can adapt the position of the units and knee spaces to their choice by simply moving the units which slide on the metal span rails. The supports are designed to leave maximum free space between and under the units. This makes working at the knee spaces pleasant and cleaning easy, even under the furniture. The metal frames can be provided with infill panels on the ends and the back so that mechanical and electrical services are hidden.

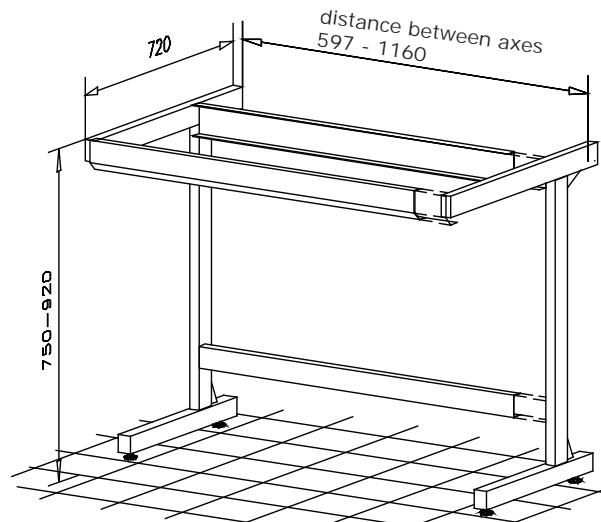
## 1. METAL SUPPORT FRAME

### Construction:

The modular steel frames consist of supporting legs, bottom cross and top rails in steel tube and profiled steel plate. The entire frame is finished with an epoxy coating of 80 micron thickness.  
Colour: mouse-grey (RAL 7037)

### Mounting:

The frame is mounted with galvanized bolts and nuts. The supporting legs have foot screws, adjustable in height for levelling.



## 2. UNDERBENCH UNITS

### Construction:

Refer to page 18-19.

### Colour:

Melamine faced particle board: pearl-grey RAL 7035 or white RAL 9010  
Edging - carcass/shelves/drawers: pearl-grey RAL 7035 or white RAL 9010  
Edging - doors and drawer fronts: mouse-grey RAL 7037 or white RAL 9010

### Mounting:

The underbench units are suspended on the support frame and are slidable over the full length of the bench.



### Infill panels:

The metal frames can be provided with infill panels on the front, back and sides. This way the mechanical and electrical services are hidden. The panels are made of melamine faced particle board, thickness 18 mm, in the same colour as the matching underbench units.



# type VU

Dimensions:

Height: 480 mm (sitting height) and 650 mm (standing height)

Width: 562 / 1125 mm

Depth: 500 mm



TYPE VU			
HEIGHT 480		HEIGHT 650	
W:562	W:1125	W:562	W:1125
OD	O2	OD	O2
OG		OG	
		ODT	O2T2
		OGT	O2T
T3		T4	TG4
TC2		TC3	
		ODS	O2S
		OGS	
		PS	
			<b>HEAD UNIT</b> B:1430
			O3S

### 3. WORKTOP

Different worktops can be chosen in various material depending on the application: refer to page 20-23.

# Type Chromosome X

The underbench units are attached to aluminium frames, fixed in-between two metal support legs. The user can adapt the position of the units and knee spaces to their choice by simply moving the units which slide on the aluminium span rails. The supports are designed to leave a maximum free span up to 3 m. This makes working at the knee spaces pleasant and cleaning easy, even under the furniture.

## 1. DIMENSIONS

Height: 750 mm (sitting height) and 920 mm (standing height)

## 2. UNDERBENCH

The underbench consists partly of steel and partly of aluminium.

The end supports are made of profiled steel plate and in between are made of aluminium.

The aluminium support frame of the worktop offers more advantages:

- A free span up to 3m.
- Extra support legs for heavy loading can be added easily, also after installation of the bench.
- Benches can be shortened or extended easily.

The support frame is available in two heights (sitting height and standing height).

Colour: combination of white (RAL 9010) and black (RAL 9005).



## 3. CUPBOARDS

### Construction:

Refer to page 18-19.

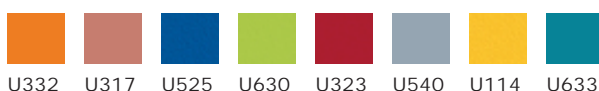
### Colour:

Edging - carcass: white RAL 9010 or pearl-grey RAL 7035.

Edging - doors and drawer fronts: white RAL 9010.

or colour of choice from Egger colour chart.

### Egger

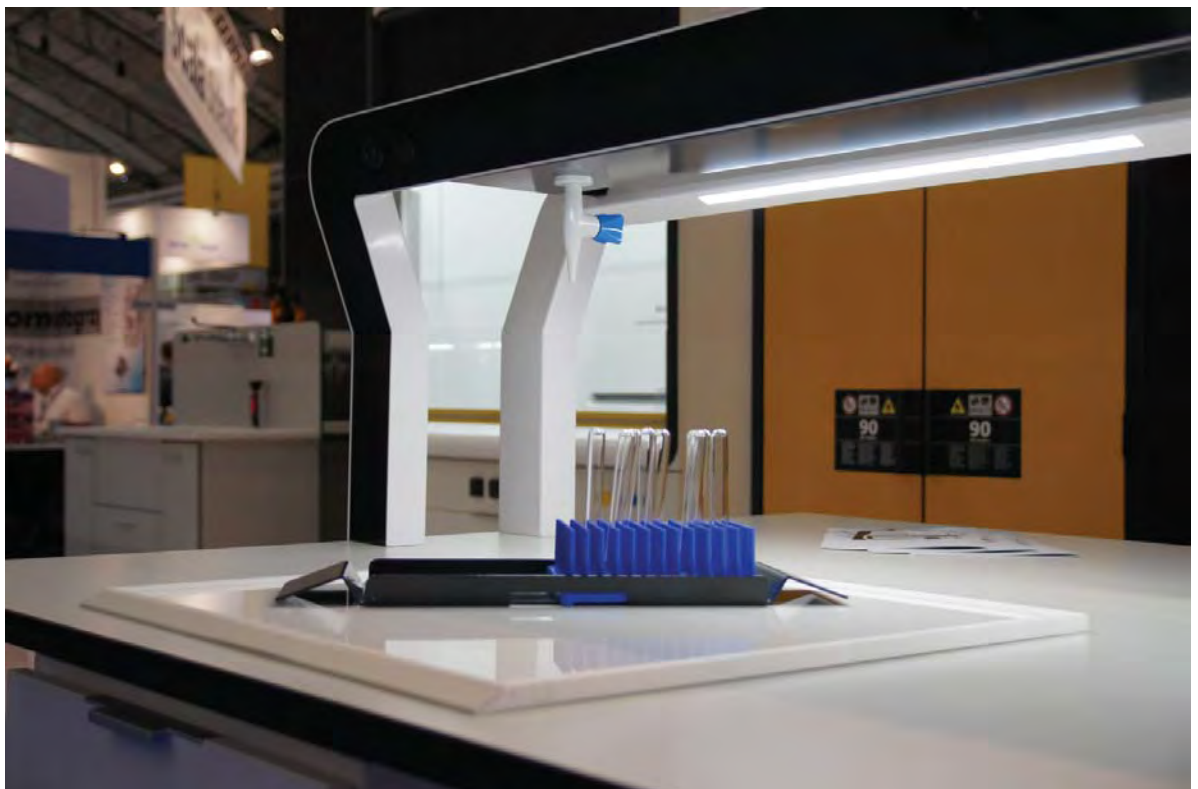
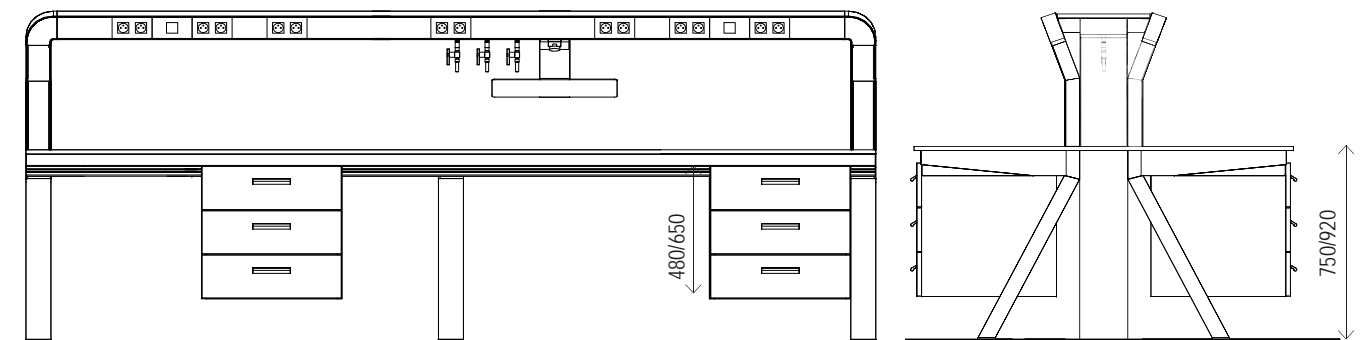


<b>corpus</b>	<b>corpus</b>
<b>sitting height</b> H: 480 mm	<b>sitting height</b> H: 480 mm
<b>standing height</b> H: 650 mm	<b>standing height</b> H: 650 mm
<b>B: 600 mm</b>	<b>B: 1200 mm</b>
<b>OD</b>	<b>O2</b>
<b>OG</b>	<b>T3</b> sitting benches
<b>T3</b> sitting benches	<b>O2S</b>
<b>TC2</b>	<b>T4</b> standing benches
<b>ODS</b>	
<b>OGS</b>	
<b>T4</b> standing benches	

# Type Chromosome X

## 4. SERVICE BRIDGE

The forward leaning service bridge provides better access to the electrical services. Thanks to the large span of the bridge (up to 3 m), no extra support is needed which creates a completely free working space. The bridge can be provided with several accessories like g monitor supports, book supports, pipette storage containers,... These accessories can be placed and repositioned anywhere on the electrical trunking (refer to page 15-17). LED lighting can be fitted into the bridge. The shelf on the bridge can be provided in glass or solid grade laminate.





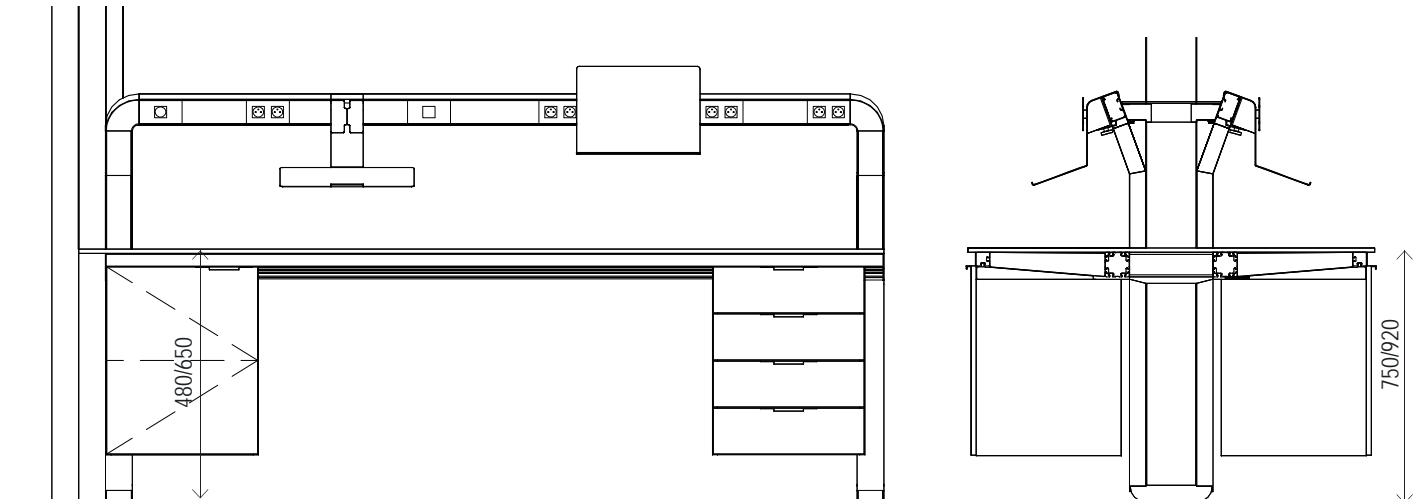
# Type Chromosome Y

The Chromosome Y differs from the Chromosome X by its linear, continuous end support frames.  
The Y-leg is bolted to the floor.  
Between the end supports a simple finishing panel can be provided.

The construction, colour and mounting of the underbench and the service bridge are the same as the X Chromosome (refer to page 10/11).

## 1. DIMENSIONS

Height: 750 mm (sitting height) and 920 mm (standing height).



# Type Chromosome Y

## 2. UNDERBENCH UNITS

### Construction:

Refer to page 18-19.

### Colour:

Edging - carcass: white RAL 9010 or pearl-grey RAL 7035

Edging - doors and drawer fronts: white RAL 9010

or colour of choice from Egger colour chart.

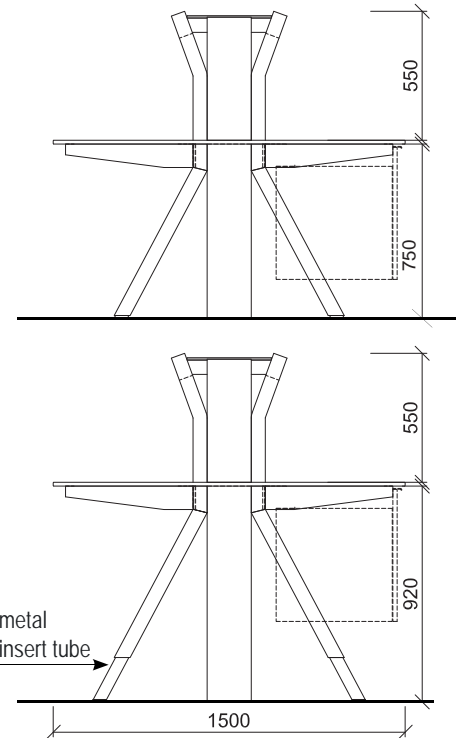
### Egger



<b>corpus</b>	<b>corpus</b>
<b>sitting height</b> H: 480 mm <b>standing height</b> H: 650 mm B: 600 mm	<b>sitting height</b> H: 480 mm <b>standing height</b> H: 650 mm B: 1200 mm
<b>OD</b>	<b>O2</b>
<b>OG</b>	<b>T3</b> sitting benches
<b>T3</b> sitting benches	<b>O2S</b>
<b>TC2</b>	<b>T4</b> standing benches
<b>ODS</b>	
<b>OGS</b>	
<b>T4</b> standing benches	

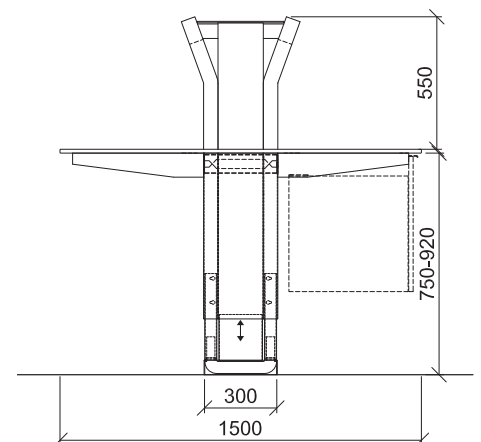
## Option: benches adjustable in height - type Chromosome X

Thanks to the black metal insert tubes on the end supports, the bench can be lowered or raised. To add or remove the insert tube the bench has to be lifted using a hydraulic lift or similar.



## Option: benches adjustable in height - type Chromosome Y

This bench is optionally adjustable in height by using a hydraulic pump.





# Type Chromosome - accessories

## Extra working surface

A durable worksurface in a material of choice. (eg. stoneware), movable on the standard worktop in solid grade laminate.

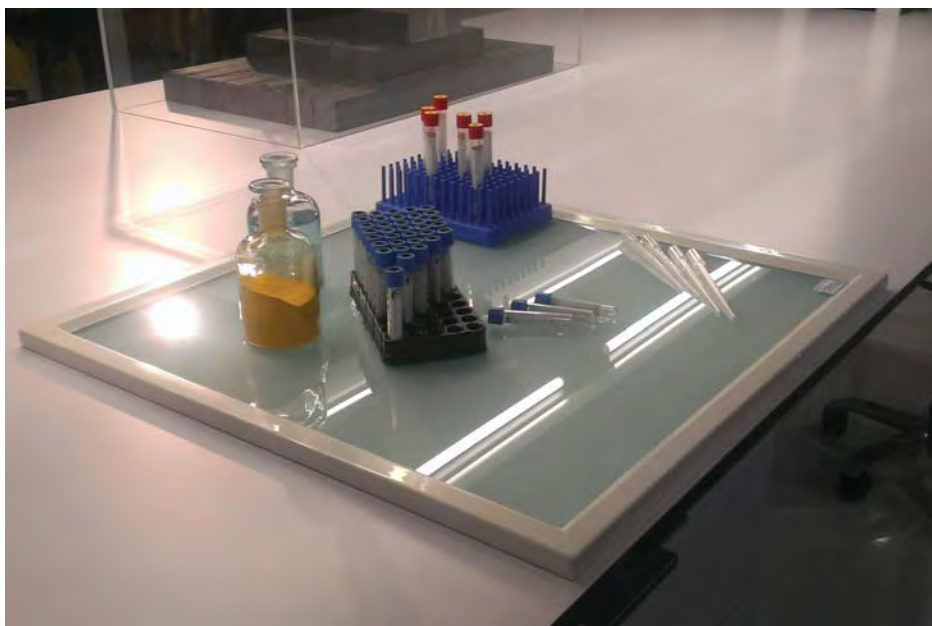
Material of choice:

- Ceramic tiles
- Stainless steel, finishing 304 AISI or 316 AISI
- Corian
- Polypropylene

Dimensions:

- L600 \* depth 600/750 mm
- L900 \* depth 600/750 mm
- L1200 \* depth 600/750 mm

With or without raised anti-spillage lip all around.



# Type Chromosome - accessories

## Trays

Labelled and coloured trays can be placed on top of the service bridge. These trays ensure replacement of their content to the worktop and back easily. They also make a clear arrangement of the bench possible.

Material:  
Metal plate, thickness 3 mm, epoxy coated.

Colour:  
White (RAL 9010), black (RAL 9005) or yellow (RAL 1003).

Dimensions:  
- Length: 300 mm / 600 mm



## Needle disposal containers

The syringe needle disposal containers click anywhere on the service bridge and can be replaced easily.

Material:  
Metal plate, thickness 2mm, epoxy coated.

Colour:  
White (RAL 9010), black (RAL 9005) or yellow (RAL 1003).



# Type Chromosome - accessories

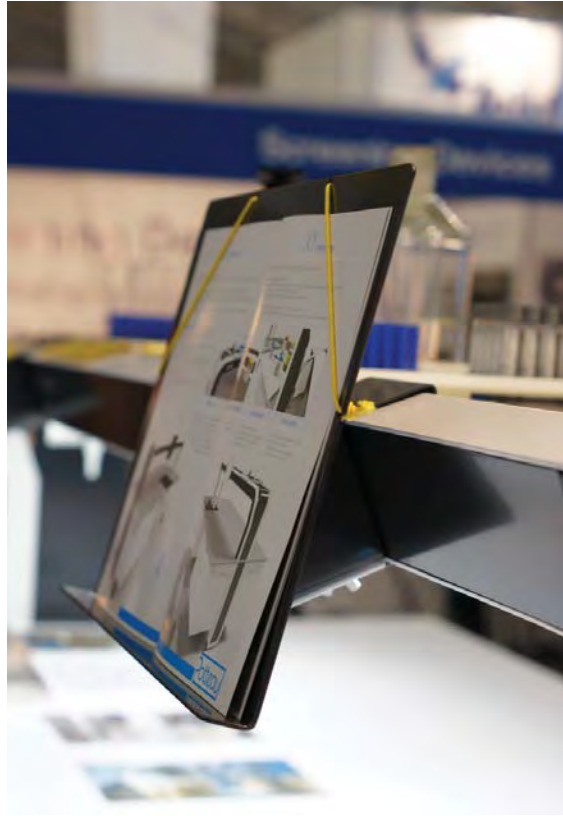
## Document holders

The document holders click anywhere on the service bridge and can be repositioned easily.

Material:  
Metal plate, thickness 2 mm, epoxy coated.

Colour:  
White (RAL 9010), black (RAL 9005) and yellow (RAL 1003)

Dimensions:  
- L 440 \* H 300 mm

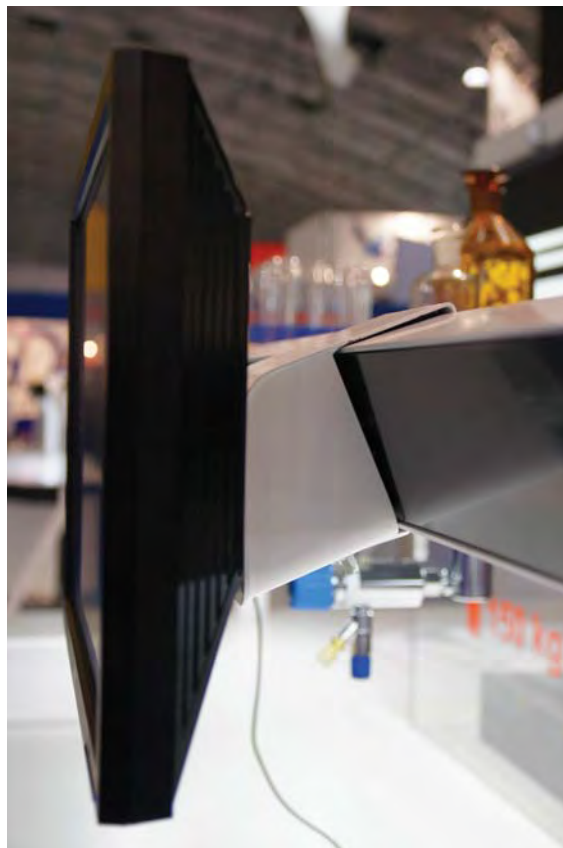


## Monitor supports

The monitor supports click on the service bridge and rotate in any direction. They can be repositioned easily on the bridge.

Material:  
Metal plate, thickness 2mm, epoxy coated.

Colour:  
White (RAL 9010) or black (RAL 9005).



## Custom made

Accessories can be custom made according to customer specific applications.

# Unit construction

## CARCASS

The carcass consists of melamine faced particle board panels (1), thickness 18 mm, glued together by means of beech dowels. The units of type F have a removable back panel made of laminated particle board, 5 mm. All exposed edges are finished with A.B.S. generally of 0.5 mm thickness but the front of 2 mm thickness.

## SHELVES

Shelves are made out of melamine faced particle board (1), thickness 18 mm. All exposed edges are finished in matching A.B.S. edging of 2 mm. The shelves are adjustable in height every 32 mm.

## DOORS

They are made of melamine faced particle board (1), thickness 18 mm. The edges are finished with A.B.S. edging of 2 mm. The doors hang on concealed, incorporated and self-closing hinges, allowing to open the door at an angle of 170°. A satin anodised aluminium pull type handle is provided.



handle - units type F-M-VU



handle - units type Chromosome



self-closing door hinges, 170°

## DRAWERS

The useable depth is 90 mm.

The front, back and side panels are made of melamine faced particle board, thickness 16 mm and glued together.

The bottom of the drawer consists of melamine faced particle board, 8 mm thickness. The front panel (1), made of melamine faced particle board, 18 mm thickness and with an A.B.S. edging of 2 mm, is screwed to the drawer assembly.

Sliding rails type F-M-VU-CHROMOSOME: white epoxy coated steel, are provided with small nylon wheels and a stop. They have a lifting force of 15 kg and 2/3 can be pulled out. A satin anodised aluminium pull type handle is provided.



### (1) COMPOSITION OF MELAMINE FACED PARTICLE BOARD. QUALITY SCRATCH-RESISTANT

These panels are 18 mm thick. The thickness tolerance of the panels is 0.3 mm, their density is about 660 kg/m<sup>3</sup>. The finishing layer consists of a coating impregnated with artificial resin type melamine, weight 120g/m<sup>3</sup>. These panels are compressed under a high temperature of 150° C and under a pressure of 100 kg/cm<sup>2</sup>, which causes a reaction called "polymerisation", converting the whole into a homogeneous mass. These kinds of panels do not bleach out and are shock-proof and comply largely to the DIN and NEMA regulations and to the L.D. 2.2.05 norms, regarding the resistance to chemicals and its long lifetime.



# Unit construction

## COLOURS

### Units type F - M - VU

Melamine faced particle board:  
Pearl-grey RAL 7035 or white RAL 9010

Edging - carcass/shelves/drawer:  
Pearl-grey RAL 7035 or white RAL 9010

Edging - door and drawer fronts:  
Mouse-grey RAL 7037 or white RAL 9010

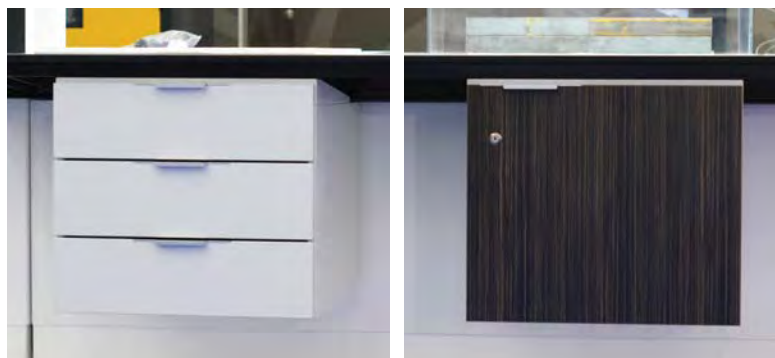


### Units type Chromosome

Edging - carcass: white RAL 9010 or pearl-grey RAL 7035.

Edging - doors and drawerfronts: white RAL 9010 or colour of choice from Egger colour chart.

## Egger



## ALTERNATIVES

The doors, carcass and drawer fronts in melamine faced particle board (1), thickness 18 mm, can be replaced by:

- Melamine faced particle board in wood structure or other non uni colour.
- Particle board 16 mm, faced on both sides with laminate, 0.9 mm.  
Finish of the edging: A.B.S. 2 mm or laminate 0.9 mm.
- Plywood 18 mm, faced on both sides with laminate 0.9 mm.  
Finish of the edging: A.B.S. 2 mm or laminate 0.9 mm.
- Solid grade laminate board: 13 mm for carcass and 16 mm for the fronts.

### 1. Doors

Exposed hinges with an opening angle of 270°.

### 2. Drawers

Division optional.

Telescopic sliding rails.

Higher bearing capacity tandem conductors (up to 50kg).

Extra deep drawers.

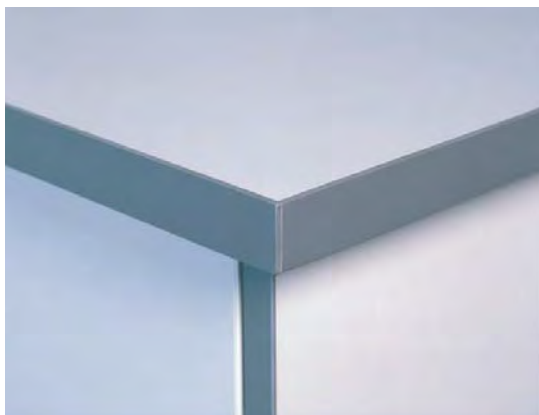
### 3. Locks

Doors and drawers can be equipped with cylinder locks. A row of 4/5 drawers can be provided with a central locking system.

### 4. Other types of handles

# Worktops

## 1/ LAMINATED SHEET



### Construction:

The bearing panel in particle board, density 650 kg/m<sup>3</sup> and thickness 28 mm, is faced with a scratch-resistant laminated sheet, 0.9 mm thickness. The underside of the worktop is faced with a laminate balancing sheet. A.B.S. edging of 2 mm. These elements are glued together by means of a synthetic glue.

Colour worktop: pearl-grey RAL 7035 or white RAL 9010

Colour edging: mouse-grey RAL 7037 or white RAL 9010

### Alternatives:

Bearing panel: plywood instead of particle board.

Edge finishing: solid wooden lath or postforming.

## 2/ STONEWARE TILES

The bearing panel consists of a plywood panel with a thickness of 24.5 mm, type AX-100. On the panel the large stoneware tiles (600 x 600 / 600 x 750) are placed, thickness 8 mm. The joints are sealed with an acid-resisting cement (grey-coloured). The edges of the worktop are finished with a polypropylene edging of 4 mm. The edges can also be provided with edge tiles, if a raised anti-spillage lip is needed.





# Worktops

## 3/ SOLID GRADE LAMINATE TRESPA® ATHLON®

### Construction:

The self-supporting panels, thickness 16 mm, have a solid black core which is composed of phenolic resin impregnated kraft paper. This panel is finished on both sides with a melamine impregnated design paper, provided with an extra chemical-resistant protective layer (overlay). The integrated decorative surface is designed for intensive use: it is impact, scratch and wear and tear resistant. The panels are easy to clean because they do not absorb or hold water, they can frequently be cleaned with normal detergents and some strong disinfectants.

All exposed edges are rounded.  
The underside of the worktop is provided with a drip groove.  
Maximum dimensions seamless:  
3000 x 1500 mm of 2500 x 1800 mm  
Colour: EO-02 silver-grey or  
EO-00 white.

### Alternatives:

Thickness: 13 mm or 20 mm.  
Colour: available in 37 uni-colours and 30 fantasy decors.



## 4/ SOLID LAMINATE TRESPA® TOPLAB plus®

Trespa® Toplab plus® is a solid grade laminate panel which is extremely suitable for use in harsh environments such as laboratories. Toplab plus® has a high chemical and heat resistance, is easy to clean and disinfect, and is therefore very hygienic. Trespa® Toplab plus® consists of pigmented composite resins, hardened through electron irradiation.

All exposed edges are rounded. The underside of the worktop is provided with a drip groove.  
Maximum dimensions seamless: 3000 x 1500 mm of 2500 x 1800 mm  
Colour: TO3.4.0 silver-grey.

### Alternatives:

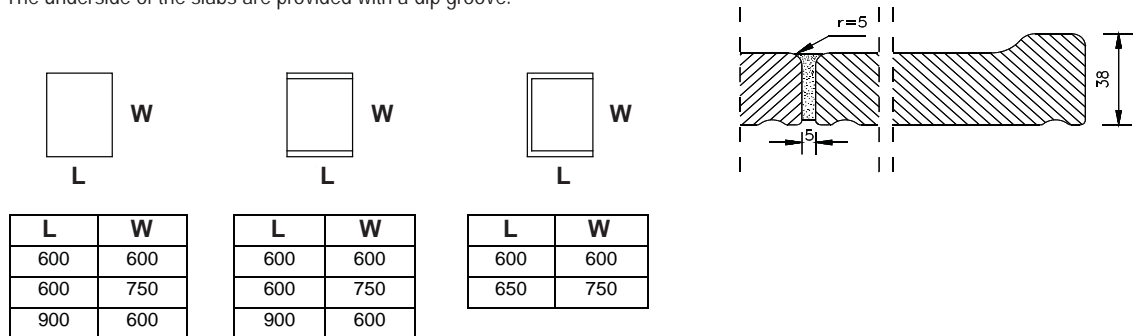
Thickness: 13 mm or 20 mm.  
Available in 9 uni-colours and 3 decors 'Speckles'.



# Worktops

## 5/ SMALL STONEWARE SLABS (Alia)

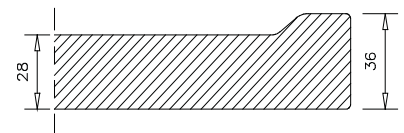
Small stoneware slabs, 30 mm thickness, are cast baked, white enamelled and acid-resisting. They also resist to temperature fluctuations. They are self-supporting and available with or without raised anti-spillage lip (8 mm). The joints are sealed with a hard acid-resisting cement (grey-coloured). The underside of the slabs are provided with a dip groove.



## 6/ LARGE STONEWARE SLABS (Keraplan / Fridurit / Systemceram)

Large stoneware slabs are pressed, baked and enamelled plates, thickness 28 mm. They are acid-resisting and they resist to temperature fluctuations (DIN 51092 and DIN 51102). The slabs are self-supporting and have a raised anti-spillage lip (8 mm). They are particularly suitable to cover large surfaces with a minimum amount of joints. The joints are sealed with a hard acid-resisting cement (grey-coloured). The slabs are available in white, light grey, dark grey, brown or beige.

length	width			
600	300	600	750	
750	300	600	750	
900	300	600	750	
1200	300	600	750	900
1500	300	600	750	900
1800	300	600	750	900



# Worktops

## 7/ STAINLESS STEEL

### Construction:

The worktops consist of a stainless steel plate AISI 316 (alternative: AISI 304) with an all-round raised anti-spillage lip (6 mm). The sinks and drip cups are welded in the worktop (sinks are equipped with an overflow tube). The underside of the worktop is reinforced by galvanized profiles or MDF. The worktop and the sinks are respectively 10/10 and 12/10 mm thickness. The whole is made sound-proof and is delivered with a satin finish.



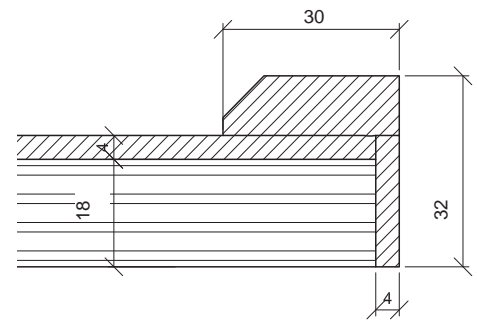
## 8/ POLYPROPYLENE

The worktops in PP (polypropylene) consist of a water-boil-proof glued plywood panel of thickness 18 mm, type AX 100, on which panels in PP (thickness 4 mm) are glued. The overall thickness is 22 mm.

These worktops are provided with an all-round raised anti-spillage lip to prevent overspill.

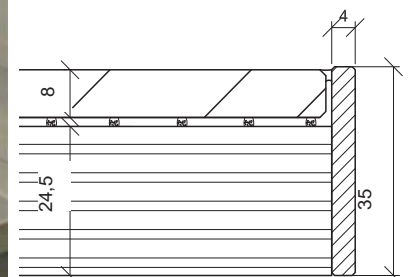
The sinks are welded seamless in the worktop.

Colour: grey RAL 7032 or white RAL 9010



## 9/ GLASS

The worktops in glass consist of a water-boil-proof glued plywood panel of thickness 24.5 mm, on which the glass plate is attached. The glass plate is all round rotated. The surface of the glass plate is provided with a white coating. The edges of the worktop are finished with a white polypropylene rim of thickness 4 mm. The joints are sealed with a hard acid-resisting cement (grey-coloured).










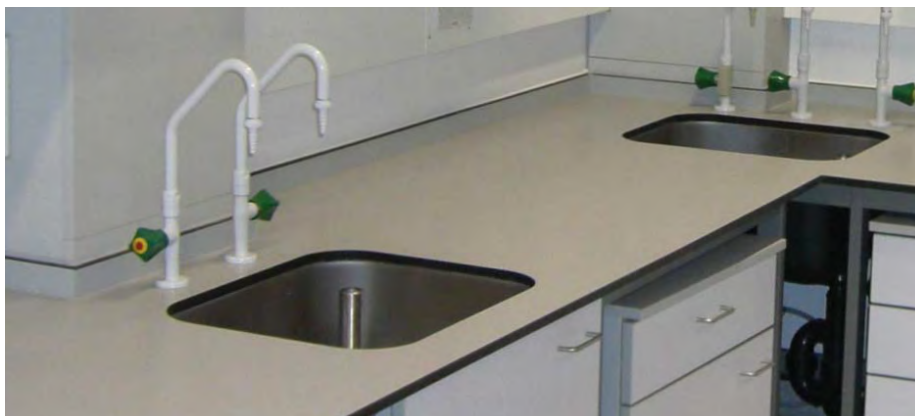
# Drip cups and sinks

WHICH TYPE OF DRIP CUP OR SINK CAN BE INSTALLED INTO WHICH TYPE OF WORKTOP

SINKS	WORKTOP	LAMINATED SHEET)	SOLID LAMINATE	STONEWARE TILES	SMALL STONEWARE SLABS	LARGE STONEWARE SLABS	POLYPROPYLENE	GLASS
STAINLESS STEEL 304/316 UNDERBENCH MOUNTED								
STAINLESS STEEL 304/316 INSERT								
RVS 304/316 SIT ON								
PP UNDERBENCH MOUNTED								
PP INSERT								
STONEWARE UNDERBENCH MOUNTED								
STONEWARE BROWN OR WHITE, INSERT-KCH								
STONEWARE WHITE, INSERT								
STONEWARE WHITE, SEAMLESS (CEC)								

## 1. STAINLESS STEEL DRIP CUPS & SINKS



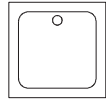
UNDERBENCH MOUNTED	INSERT	SIT ON
	251x93x120  AISI304	
400X400X200  AISI304/316	400X400X200  AISI304/316	400X400X200  AISI316
500X400X250  AISI304/316	500X400X250  AISI304/316	500X400X250  AISI316



# Drip cups and sinks



## 2. POLYPROPYLENE DRIP CUPS AND SINKS

### INTERNAL DIMENSIONS

	110X110X80 UNDERBENCH MOUNTED/INSERT
	250X100X80 UNDERBENCH MOUNTED/INSERT
	400X400X250 UNDERBENCH MOUNTED/INSERT

Colour: grey RAL 7032

### INTERNAL DIMENSIONS

	diam. 85 UNDERBENCH MOUNTED/INSERT
	225X75X120 UNDERBENCH MOUNTED/INSERT




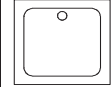
Colour: black/grey





# Drip cups and sinks

## 3. STONEWARE - drip cups and sinks UNDERBENCH MOUNTED

	<b>INTERNAL DIMENSIONS</b>	<b>OPENING IN TOP</b>
	+/- 110 X 110 X 110	+/- 105 X 105
	+/- 255 X 100 X 110	+/- 240 X 105
	+/- 325 X 325 X 300 +/- 375 X 375 X 295	+/- 320 X 320 +/- 365 X 365
	+/- 425 X 325 X 300 +/- 480 X 375 X 295 +/- 525 X 325 X 210	+/- 420 X 320 +/- 465 X 365 +/- 510 X 310


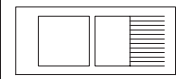
Standard colour: white

Also available in beige, light grey and dark grey

Only applicable in worktops with "large stoneware slabs".

## 4. STONEWARE - DRIP CUPS AND SINKS INSET

### CEC

	<b>SEAMLESS</b>
	<b>1200x600</b> 1 SINK 440x380x165 (L or R)
	<b>1400x600</b> 1 SINK 445x440x170 (L or R) 1 SINK 305X440X170 (L or R)

Standard colour: white

Only applicable in worktops with "small stoneware slabs".





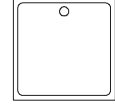
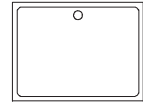
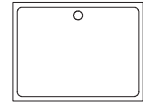
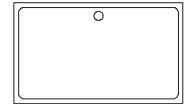
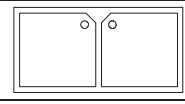
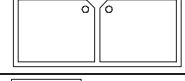





# Drip cups and sinks

## DRIP CUPS AND SINKS (KCH) - INSET





### +/- EXTERNAL DIMENSIONS

	<b>145x145x230</b>
	<b>295x145x230</b>
	<b>295x295x230</b>
	<b>445x295x320</b>
	<b>445x445x320*</b>
	<b>595x445x320*</b>
	<b>595x445x250*</b>
	<b>745x445x320*</b>
	<b>895x445x320*</b>
	<b>1045x445x320*</b>
	<b>DRAINER 440x445x25</b> * The drainer can be placed both to the left and the right sides of the rinse bowls.

Standard colour: brown or white  
Also available in beige, light grey & dark grey

## DRIP CUPS AND SINKS PORCHER - INSET

### +/-EXTERNAL DIMENSIONS

	<b>305x150x70</b>
	<b>305x305x125</b>
	<b>460x460x280</b>
	<b>610x460x280</b>

Colour: white



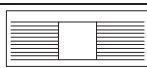

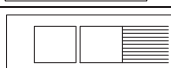





# Sinktops

These sinktops are directly mounted on the support framework or underbench units, as applicable.

## 1. STAINLESS STEEL

These elements are directly mounted on the underbench or on the cupboards.

	<b>1200X600</b> 1 SINK 400X400X200 (L of R)
	<b>1200X750</b> 1 SINK 400X400X200 (L of R)
	<b>1500X600</b> 1 SINK 400X400X200
	<b>1500X750</b> 1 SINK 400X400X200
	<b>1800X600</b> DOUBLE SINK 400X400X200 (L or R)
	<b>1800X750</b> DOUBLE SINK 400X400X200 (L or R)
	<b>2400X600</b> DOUBLE SINK 400X400X200
	<b>2400x750</b> DOUBLE SINK 400X400X200

Other dimensions available on demand.

L or R: indication of sink position (Lef or Right-Hand Side)








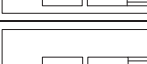
All sinktops are available in both AISI 304 and AISI 316.



# Sinktops

## 2. POLYPROPYLENE SINKTOPS

### FABRICATED SINKTOPS

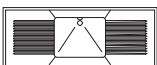

	1200X600 1 SINK 400X400X250 (L or R)
	1200X750 1 SINK 400X400X250 (L or R)
	1500X600 1 SINK 400X400X250
	1500X750 1 SINK 400X400X250
	1500X600 DOUBLE SINK 400X400X250 (L or R)
	1500X750 DOUBLE SINK 400X400X250 (L or R)
	1800X600 DOUBLE SINK 400X400X250 (L or R)
	1800x750 DOUBLE SINK 400X400X250 (L or R)

Other executions on demand.

L or R: sink placed on the left- or right-hand side

Colour: grey RAL +/-7032

### INJECTION MOULDED SINKTOPS

	1500X600 1 SINK 500X400X315
	1200x750 1 SINK 400X500X325


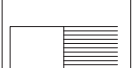


Colour: white



# Sinktops

## 3. STONEWARE


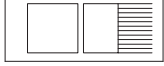
### WASHING ELEMENTS (DEEP)

	1200X600 1 SINK +/-500X400X300 (L or R)
	1200X750 1 SINK +/-500X400X300 (L or R)
	1500X600 1 SINK +/-500X400X300
	1500X750 1 SINK +/-500X400X300

Standard colour: brown or white  
 Also available in beige, light grey & dark grey  
 L or R: bowl placed on the left- or right-hand side

### WASHING ELEMENTS (CEC)

#### SEAMLESS

	1200x600 1 SINK 440x380x165 (L or R)
	1400x600 1 SINK 445x440x170 (L or R) 1 SINK 305X440X170 (L or R)

Standard colour: white  
 L or R: bowl placed on the left- or right-hand side







# EN - FUME CUPBOARD

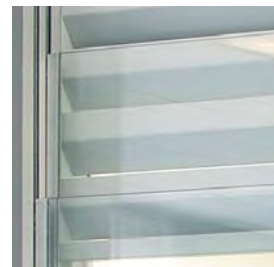
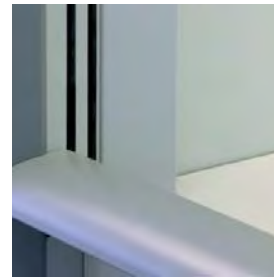
in accordance with EN 14175-3

## ... for greater safety and efficiency

The main requirement we kept in mind when designing the EN-fume cupboard was ensuring its reliability and safe service. The worktop airfoil, the aerodynamic side stiles, the design and dimensions of the baffles were all specifically designed to prevent turbulence which can lead to fume being emitted from the fume cupboard in the direction of the user. Because of the double sash, a large part of the fume cupboard is glazed, offering a clear view of equipment in the fume cupboard.

## ... unlimited possibilities and flexibility

The mechanical and electric services on the horizontal control panel can be quickly extended or replaced. The storage unit under the control panel can be fitted with drawer units, cupboards with sliding doors, safety storage cabinets, etc. Depending on the use of the fume cupboard, worktops are available in epoxy resin, solid grade laminate, ceramic tiles, stainless steel, polypropylene, etc. The fume cupboards can be provided with ceiling infill panels. Extraction systems can serve as an individual fume cupboard or a number of fume cupboards.





# EN - FUME CUPBOARD

in accordance with EN 14175-3

## extraction 1

The duct connector can be supplied in PVC or PP, the size varying according to the volumetric flow rate.

## explosion trap 2

If an explosion occurs inside the fume cupboard, a trap in the soffit of the fume chamber will open upwards. This ensures the force of the explosion is minimised via the sash.

## lighting 3

The light is fitted with twin fluorescent tubes and is installed above the fume chamber soffit on an explosion proof and gas sealed glass panel.

## bypass 4

The bypass grille ensures a constant face velocity into the fume cupboard when the sash is raised or lowered.

## double sash 5

The double sash ensures it does not rise above the fume cupboard when in the fully open position. This allows the fume cupboard to be installed in rooms with a low ceiling height.

## air-flow & sash high monitor 6

The control panel, fitted at eye level in the side stile, monitors the airflow and safe working opening of the sash.

## sash handle 7

The aluminium profile sash handle with red epoxy powder coating finish has a central stainless steel handle. To the side is fitted a lock that restricts the sash to a 500 mm working opening. Both the free-moving mechanism of the sash as well as the sash lock release can be operated with one hand.

## worktop airfoil 8

Air flowing into the fume cupboard is guided via the worktop airfoil to ensure non turbulent flow over the worktop to the rear baffles.

## storage space 9

A range of underbench units are available for low level storage including options for materials of construction, locks, ventilation, etc.

## air-flow baffles 10

Baffles, in solid grade laminate, ensure thorough purging of fume from the worktop. They also ensure an optimum and constant inflow of air via the sash.

### Dimensions:

Width: 1240 / 1540 / 1840 mm

Depth: 900 mm

Height: 2600 mm

### Recommended extract flow rates:

Fume cupboard 1240: +/-700m<sup>3</sup>/h

Fume cupboard 1540: +/-900m<sup>3</sup>/h

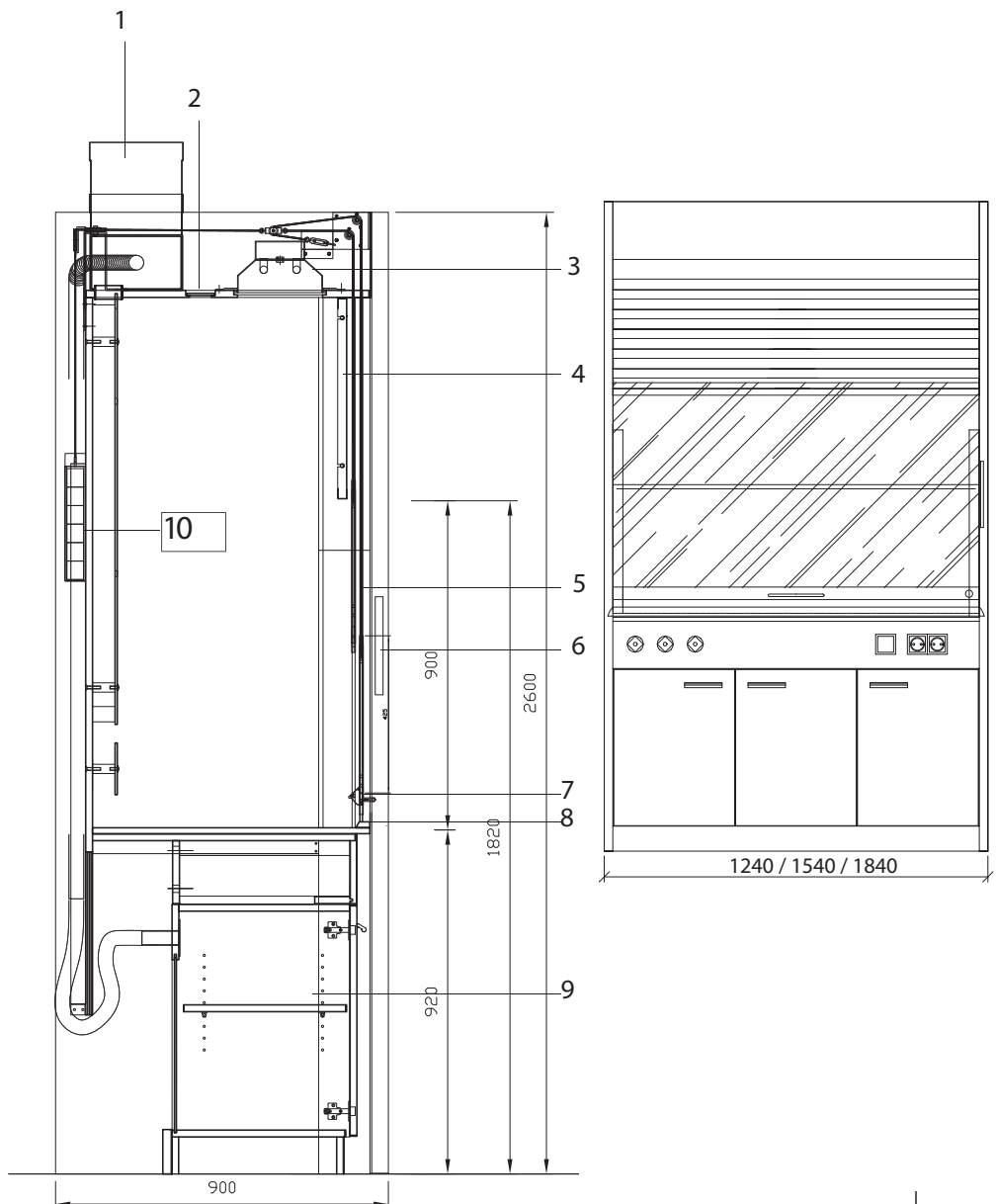
Fume cupboard 1840: +/-1100m<sup>3</sup>/h

The recommended values are merely a guideline. The extraction capacities, however, depend on different factors and should therefore be determined in consultation with our representative.

### test results EN14175-3

	fume cupboard 1240 flow rate: 480m <sup>3</sup> /h	fume cupboard 1540 flow rate: 600m <sup>3</sup> /h	fume cupboard 1840 flow rate: 720m <sup>3</sup> /h
inner measurement*	no detectable emission	no detectable emission	no detectable emission
outer measurement*	no detectable emission	no detectable emission	no detectable emission
robustnesstest*	0,19	0,45 - 0,56	0,31 - 0,37

\* values measured in test laboratory



# Fume cupboard PL

The fume cupboard PL is constructed in the same way as the fume cupboard EN, but in a simplified version:

- fixed metal top panel (in stead of bypass grille)
- no spoilers
- no airflow control system

These elements can be separately requested as an option.

## Dimensions:

Width: 1240 / 1540 / 1840 mm

Depth: 900 mm

Height: 2600 mm

## Recommended extract flow rates:

Fume cupboard 1240: +/-700m<sup>3</sup>/h

Fume cupboard 1540: +/-900m<sup>3</sup>/h

Fume cupboard 1840: +/-1100m<sup>3</sup>/h

The recommended values are merely a guideline. The extraction capacities, however, depend on different factors and should therefore be determined in consultation with our representative.



# Fume cupboard PL - specific applications

## 1. Fume cupboard designed for perchloric acid usage

Provided with interior coating in PP or stoneware.

With optional addition of an internal or external gas scrubbing system in the extraction channel and/or a rinsing system on worktop level.

## 2. Pass-through fume cupboard

Sash on the front- and on the backside.

## 3. Fume cupboard with knee space

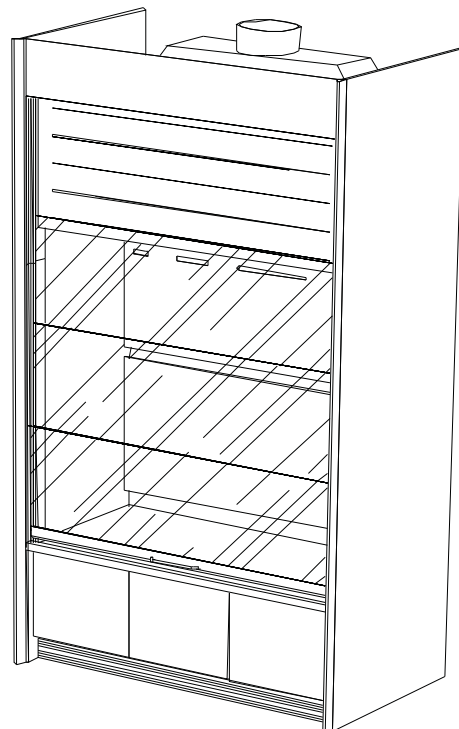
With an open space below the control panel.



## 4. Fume cupboard with low level worktop

The cupboard is fitted with a triple sash.

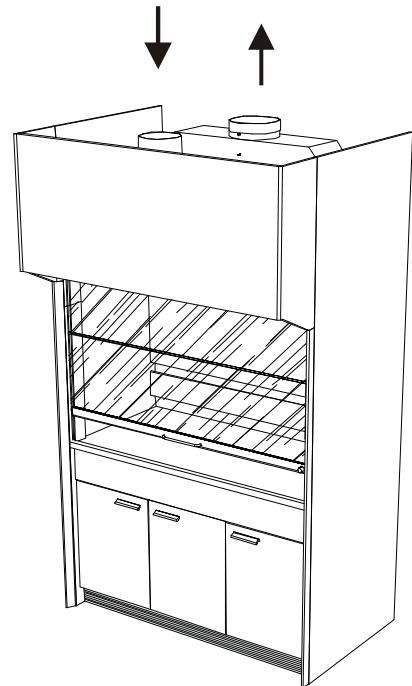
Below the worktop: fixed panel.



# Fume cupboard PL - specific applications

## 5. Add-air module

The add-air module brings in unconditioned or semi-conditioned air from outside direct into the fume chamber thus reducing the amount of fully conditioned air extracted from the room space. The effect of this is to reduce energy costs and hence heating/cooling costs.  
(ratio of air from within room space to air from outside +/- 2/3 - 1/3)



## 6. Drive-in fume cupboard

No worktop is fitted. The available space between the laboratory floor and the soffit of the fume cupboard allow tall equipment to be wheeled into the cupboard.



Drive-in cupboard with side control panel



Drive-in cupboard with revolving doors and bypass grille

# Fume cupboard PL - specific applications

## 7. Benchtop fume cupboard



The benchtop fume cupboard is a separate unit that can be mounted on top of an existing bench. This fume cupboard is provided with a single sash window and has the same function as a traditional cupboard.



# F-LOW cupboard

in compliance with EN 14175-3

The new fume cupboard constitutes unknown quality and innovation:

- A lot of extra internal space thanks to the new extraction system without baffles
- The internal space has rounded edges and is fabricated in chemical resistant polyester (more chemical resistant than melamine, laminate or epoxy powder coated steel).
- The rounded edges and the absence of baffles create an internal space that is seamless and easy to clean.
- The bypass grille ensures a constant airflow velocity into the fume cupboard even when the sash is closed.
- Sash and services are located in one removable element which makes installation and maintenance very easy.
- Extra security because the sash has double safety so that the sash still functions in case of a broken cable.
- Standard, the cupboards are equipped with revolving doors. Optionally drawers, open space etc can be provided.

The energy consumption of a fume cupboard can bring about high costs.

Thanks to the high efficiency of the F-LOW cupboard, **the energy saving is approximately 40%** compared to the conventional design.



# F-LOW cupboard

in compliance with EN 14175-3

RESULTS IN TESTHOUSE	FUME CUPBOARD 1240MM	FUME CUPBOARD 1540MM	FUME CUPBOARD 1840MM
flow rate	300 m <sup>3</sup> /h (=0,17m/sec)	365 m <sup>3</sup> /h (=0,15m/sec)	400m <sup>3</sup> /h (=0,14m/sec)
outer measurement	no detectable emission	no detectable emission	max 0,04 ppm
robustness	0,19-0,25 ppm	0,40-0,49 ppm	0,46 - 0,57 ppm
flow rate	585 m <sup>3</sup> /h (=0,3m/sec)	750 m <sup>3</sup> /h (=0,3m/sec)	920 m <sup>3</sup> /h (=0,3m/sec)
outer measurement	no detectable emission	no detectable emission	no detectable emission
robustness	0,05-0,12 ppm	0,20-0,24 ppm	0,14-0,15 ppm
flow rate	975 m <sup>3</sup> /h (=0,5m/sec)	1245 m <sup>3</sup> /h (=0,5m/sec)	1465 m <sup>3</sup> /h (=0,5m/sec)
outer measurement	no detectable emission	no detectable emission	no detectable emission
robustness	no detectable emission	no detectable emission	0,01-0,02 ppm

VAV	FUME CUPBOARD 1240MM	FUME CUPBOARD 1540MM	FUME CUPBOARD 1840MM
flow rate	585 m <sup>3</sup> /h (0,3m/sec)	750 m <sup>3</sup> /h (=0,3m/sec)	920 m <sup>3</sup> /h (=0,3m/sec)
containment	no detectable emission	no detectable emission	no detectable emission
flow rate	975 m <sup>3</sup> /h (0,5m/sec)	1245 m <sup>3</sup> /h (=0,5m/sec)	1465 m <sup>3</sup> /h (=0,5m/sec)
containment	no detectable emission	no detectable emission	no detectable emission

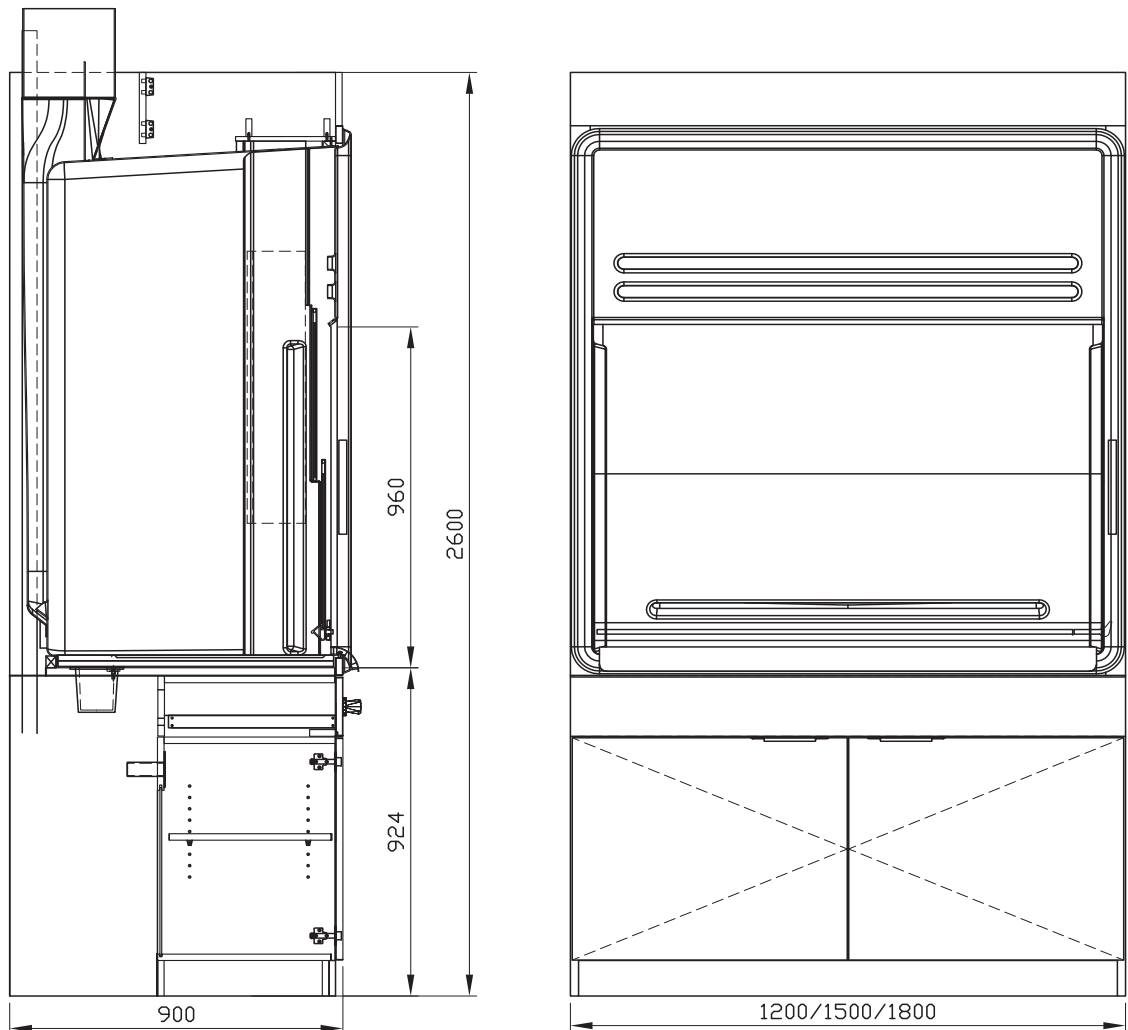
## Recommended extract flow rates:

Fume cupboard 1240: +/-450 m<sup>3</sup>/h

Fume cupboard 1540: +/-550 m<sup>3</sup>/h

Fume cupboard 1840: +/-700 m<sup>3</sup>/h

The recommended values are merely a guideline. The extraction capacities, however, depend on different factors and should therefore be determined in consultation with our representative.



# Extract fans

Different types of extract fans can be used, depending on the mounting possibilities, the capacity etc. The right type is always chosen in consultation with the customer. Each fan is either installed with a dedicated control switch or on/off control via the fume cupboard alarm. For acid-resisting fume cupboards the control switch has thermal protection.

There are three standard types of extraction fans:

## ROOF EXTRACTOR type HFD

This fan is fitted externally on a raised support platform (height 150 mm) on a flat or pitched roof. This platform is either part of the construction of the roof or it is constructed from waterproof plywood. Fume is exhausted direct to the atmosphere.

The fan is available with a minimum diameter of 110 mm. The extraction capacity varies according to the number of fume cupboards used and their sizes. This radial fan can be supplied direct driven or belt driven for higher pressure losses. Power supply: 3-phase, 220V/380V.

The roof extract fan is delivered as standard in PVC or PP. (Impeller always PP).



## CENTRIFUGAL EXTRACTOR type HFR

This fan has various mounting possibilities:

- on a platform externally e.g. roof
- on a platform internally
- on a wall bracket

The fan is available with a minimum diameter of 75 mm. The extraction capacity varies according to the number of fume cupboards used and their sizes. The fan can be supplied direct driven or belt driven for higher pressure losses. Power supply: 3-phase, 220V/380V.

The roof extract fan is delivered as standard in PVC. (Impeller always PP).



# Extraction fans

## AXIAL EXTRACTOR type HFA

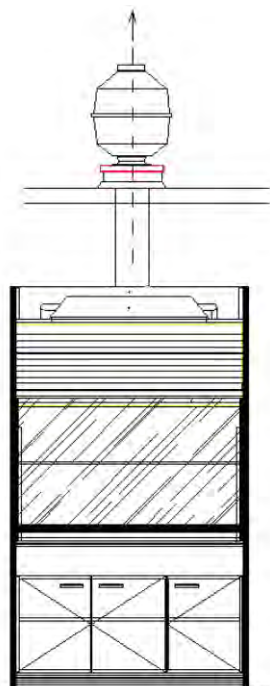
The axial extractor fan can be built into extract ducts.

The fan is available with a minimum diameter of 200 mm up to 1000 mm.  
The exhaustion capacity varies according to the number of fume cupboards and their sizes.  
This fan can be supplied direct driven or belt driven for higher pressure losses.  
Power supply: 3-phase, 220V/380V.  
The axial extract fan is delivered as standard in PVC or PP.  
(Impeller always PP).

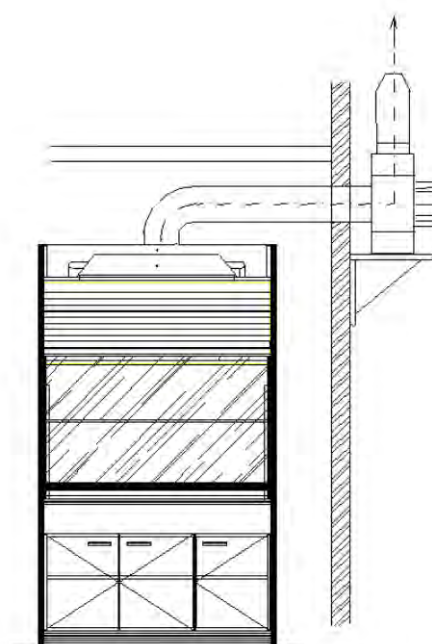


## ALTERNATIVES

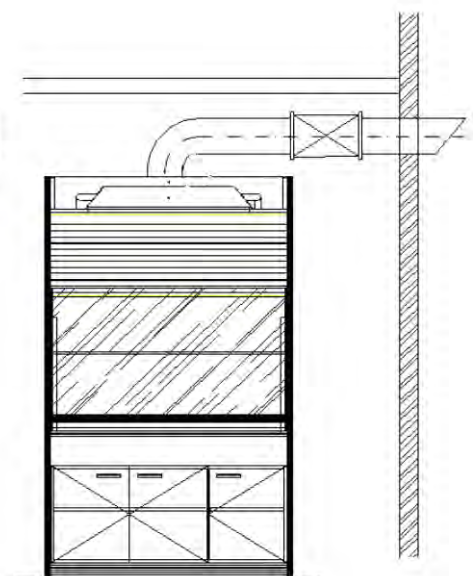
- explosion proof motor
- motor with different speeds (e.g. 1000/1500 rotations per minute)
- adjustable speed(0-100%)



ROOF EXTRACTOR



CENTRIFUGAL EXTRACTOR



AXIAL EXTRACTOR

## Freestanding furniture & storage cabinets





## Weighing table type F

### DIMENSIONS

Height: 950 mm  
Width: 900 mm  
Depth: 750 mm

### CONSTRUCTION

The vibration-proof weighing table consists of a heavy tubular steel frame with height adjustment. A concrete block is mounted on it.

A blue ashlar plate of 450x300x20 mm is placed on the concrete block. In-between vibration dampers are provided.

The whole is surrounded by a wooden piece of furniture, standing completely independent from the weighing construction.

Composition of the panels: refer to page 18-19.

The worktop is finished in laminated sheet: refer to page 20-23.

Colour: pearl-grey RAL 7035 or white RAL 9010.



## Weighing table type M

### DIMENSIONS

Height: 780/950 mm  
Width: 900/1200/1500 mm  
Depth: 600/750 mm

### CONSTRUCTION

The vibration-proof weighing table consists of:

- an underframe made of heavy tubular steel profiles and a profiled steel plate, finished in epoxy coating RAL 7037 (mouse-grey).

- a blue ashlar plate, 8 mm thickness, placed on the underframe by means of intermediate airlock-blocks.



# Weighing block

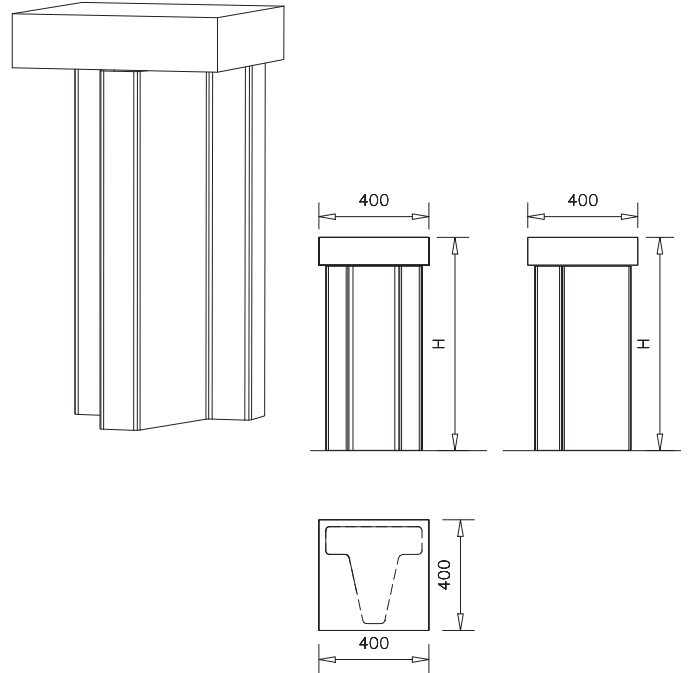
## DIMENSIONS

Height: 780/950 mm  
Width: 400 mm  
Depth: 400 mm

## CONSTRUCTION

The vibration-proof weighing block consists of:

- a metal encasing filled up with reinforced concrete and finished in epoxy coating RAL 7037 (mouse-grey).
- a blue ashlar plate, 80 mm thickness, placed on the metal encasing by means of intermediate airlock-blocks.
- in-between the floor and the weighing block are placed air-lock-blocks.



# Mobile table

## DIMENSIONS

Height: 946 mm  
Width: 1000 mm  
Depth: 600/750 mm

## CONSTRUCTION

The steel frame is made of tubular profiles 30/30/2 mm and is provided with four solid swivel castors, two of which have brakes. The frame is finished in epoxy coating RAL 7037 (mouse-grey).

The table top is made of solid laminate 13 mm, with all-round raised anti-spillage lip. The shelf underneath is made of solid grade laminate 13 mm.

Colour worktops: pearl-grey E0.02 or white E0.00 (Trespa Athlon).



# Loose table

## DIMENSIONS

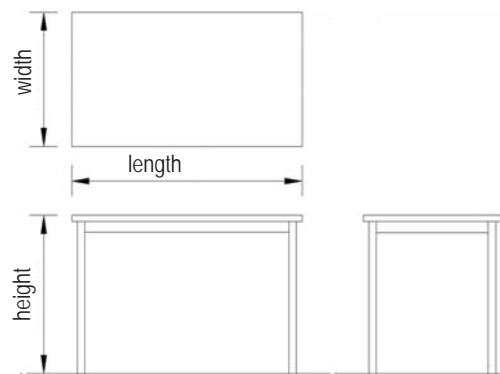
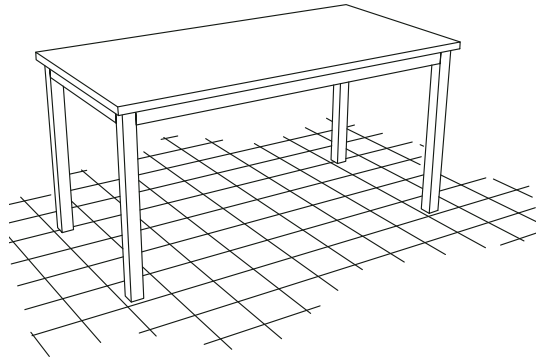
Height: 780/950 mm  
Width: 1200/1500/1800/2000 mm  
Depth: 600/750 mm

## CONSTRUCTION

The metal frame consists of tubular profiles 40/40/2 mm and a profiled steel plate 35/55/25/2 mm, finished in epoxy coating RAL 7037 (mouse-grey).  
Each table leg has foot screw adjustment enabling levelling of the table.

The plate consists of a laminated sheet: refer to page 20.

Colour plate: pearl-grey RAL 7035 or white RAL 9010



# Writing desk

## DIMENSIONS

Height: 780 mm  
Width: 1200/1500/1800 mm  
Depth: 600/750 mm

## CONSTRUCTION

The metal frame is made of tubular profiles 40/40/2 mm and of a profiled steel plate 35/55/25/2 mm, finished in epoxy coating RAL 7037 (mouse-grey).  
Each table leg has foot screw adjustment enabling levelling of the table.

The table top consists of laminated sheet: refer to page 20.

Colour worktop: pearl-grey RAL 7035 or white RAL 9010.

### Lower cupboards

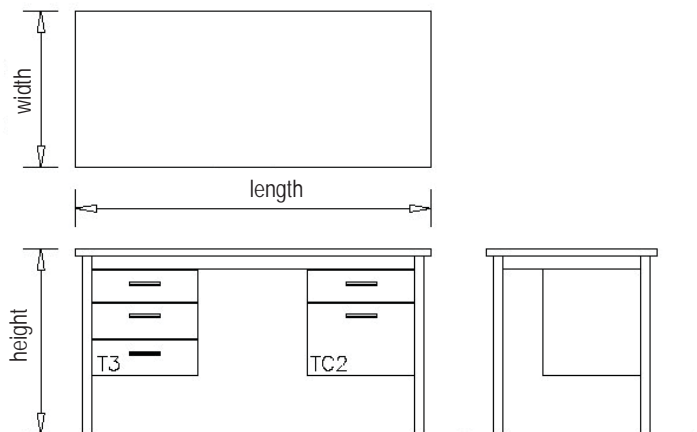
Dimensions: 450x550x height 550 mm.

Construction: refer to page 18-19.

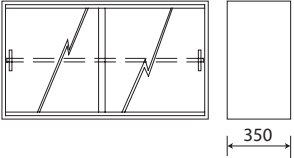
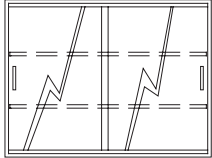
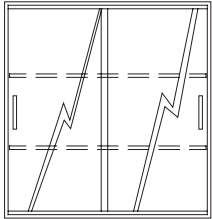
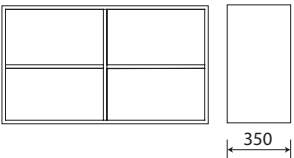
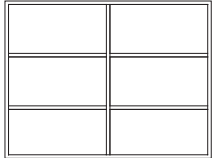
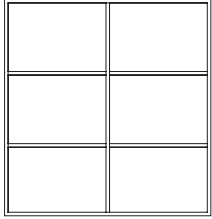
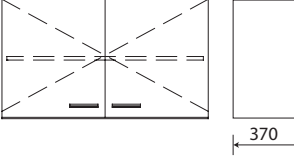
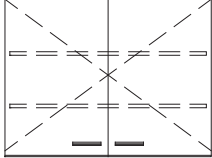
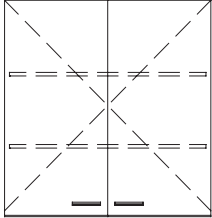
Colour: pearl-grey RAL 7035 or white RAL 9010

Choice between these types of cupboards: (W450\*H550\*D550mm):

- OD = swivel door, opening to the right
- OG = swivel door, opening to the left
- TC2 = 1 drawer + 1 deep file drawer
- T3 = 3 drawers



# Wall cupboards

HEIGHT 600 mm	HEIGHT 800 mm	HEIGHT 1039 mm
<p>GLAZED SLIDING DOORS</p>  <p>W: 600 mm W: 1050 mm W: 1200 mm W: 1500 mm</p>	 <p>W: 600 mm W: 1050 mm W: 1200 mm W: 1500 mm</p>	 <p>W: 600 mm W: 1050 mm W: 1200 mm W: 1500 mm</p>
<p>OPEN CUPBOARD</p>  <p>W: 600 mm W: 1050 mm W: 1200 mm W: 1500 mm</p>	 <p>W: 600 mm W: 1050 mm W: 1200 mm W: 1500 mm</p>	 <p>W: 600 mm W: 1050 mm W: 1200 mm W: 1500 mm</p>
<p>SOLID HINGED DOORS</p>  <p>W: 600 mm W: 1050 mm W: 1200 mm W: 1500 mm</p>	 <p>W: 600 mm W: 1050 mm W: 1200 mm W: 1500 mm</p>	 <p>W: 600 mm W: 1050 mm W: 1200 mm W: 1500 mm</p>

The upper and lower cupboards have an inside width from 1050 mm.

The upper and lower cupboards with hinged doors with a width of 1500 mm have 2 inner sides and 3 hinged doors.

## DETAILS

### 1. COLOUR

Completely in pearl-grey RAL 7035 or white RAL 9010.

### 2. CONSTRUCTION

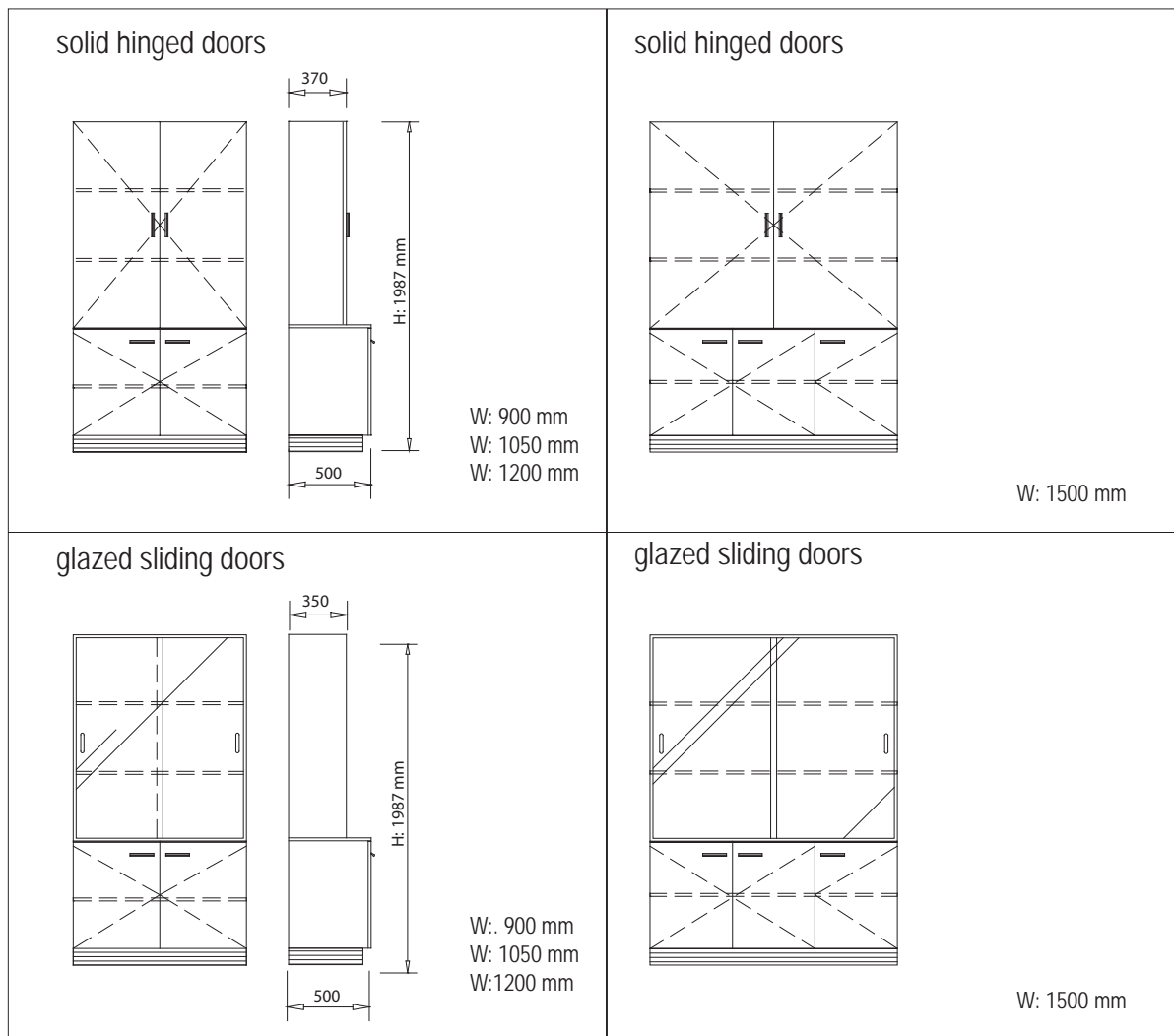
Construction: refer to page 18-19.

The wall cupboards with glazed sliding doors, 6mm thick, are equipped with ground recessed finger pulls and run on an aluminium profile. They are provided with adjustable shelves.

Wall cupboards are fastened very securely to the wall by means of plugs and screws. In case of thin or partition walls adapted plugs are used. Wall cupboards to be mounted one next to the other are also fixed to each other on the sides.



# Product cupboards



The upper and lower cupboards have an inside width from 1050 mm.

The upper and lower cupboards with hinged doors with a width of 1500 have 2 inner sides and 3 hinged doors.

## 1. Colour

Completely in pearl-grey RAL 7035 or white RAL 9010.

## 2. Lower cupboard

Construction: refer to page 18-19.

The lower cupboard is equipped with one adjustable shelf.

## 3. Upper cupboard

Construction: refer to page 18-19.

The upper cupboard is equipped with two adjustable shelves.

The upper cupboard with glazed sliding doors, 6mm thick, is provided with ground recessed finger pulls and run on an aluminium profile.

## 4. Worktop lower cupboard

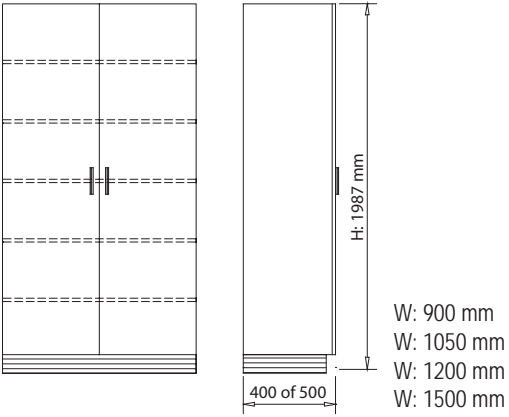
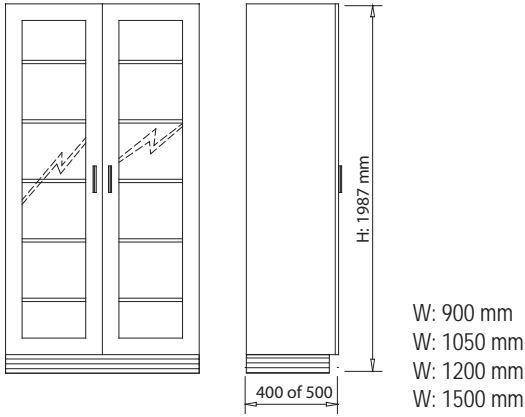
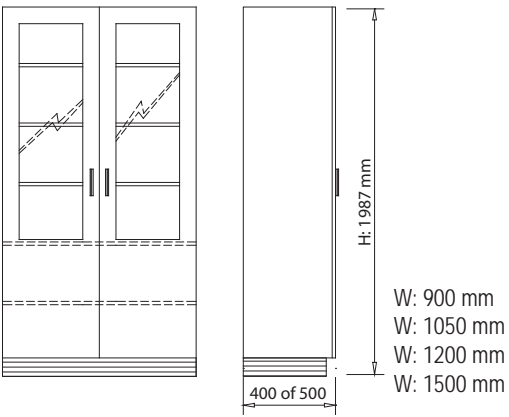
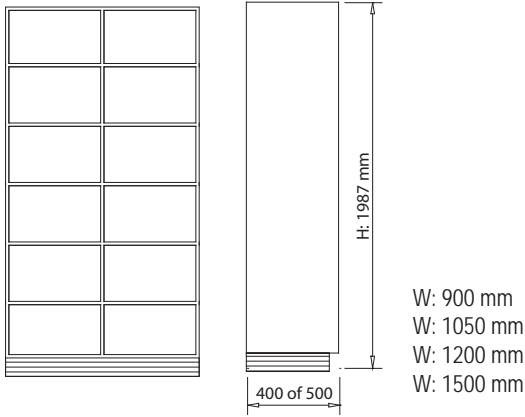
Construction: refer to page 20.

## 5. Plinth

Construction: refer to page 4.



# Display units

<p><b>Solid hinged doors</b></p>  <p>W: 900 mm W: 1050 mm W: 1200 mm W: 1500 mm</p>	<p><b>Glazed hinged doors</b></p>  <p>W: 900 mm W: 1050 mm W: 1200 mm W: 1500 mm</p>
<p><b>2/3 glazed hinged doors</b></p>  <p>W: 900 mm W: 1050 mm W: 1200 mm W: 1500 mm</p>	<p><b>Open cupboard</b></p>  <p>W: 900 mm W: 1050 mm W: 1200 mm W: 1500 mm</p>

The upper and lower cupboards have an inside width from 1050 mm.

## 1. Colour

Completely in pearl-grey RAL 7035 or white RAL 9010.

## 2. Carcass

Construction: refer to page 18-19.

The showcase is equipped with 5 adjustable shelves.

For glazed doors the glass (6 mm thickness) is fixed by means of a synthetic profile.

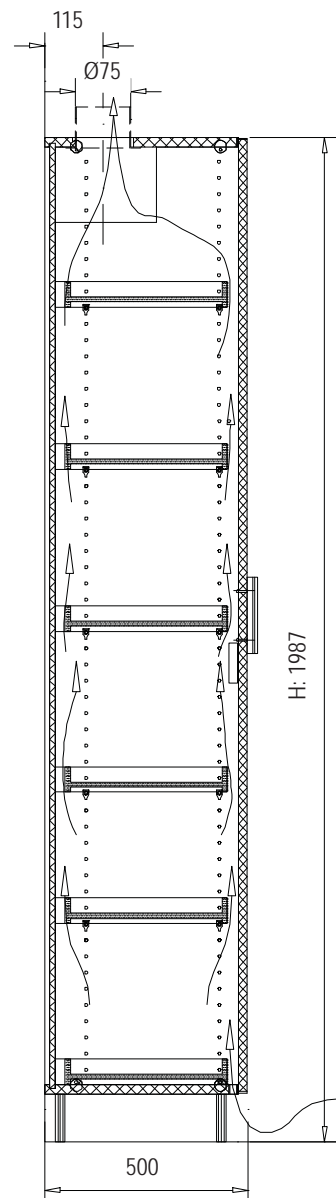
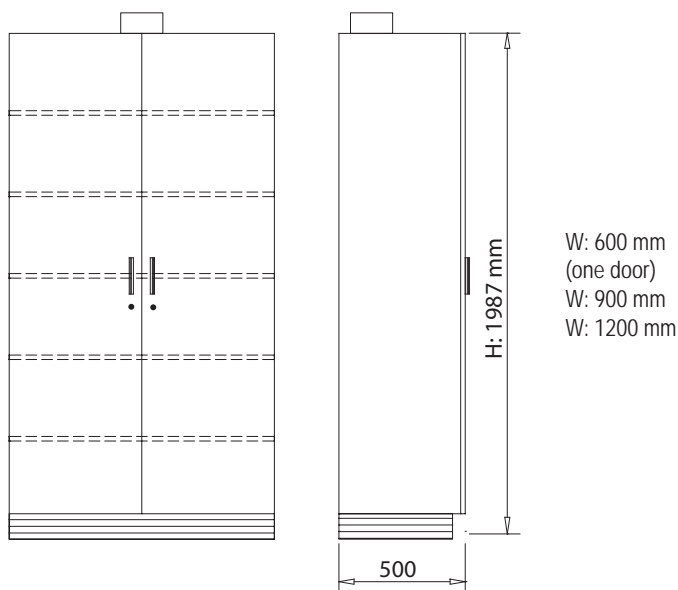
## 3. Plinth

Construction: refer to page 4.



# Cupboards for acid and alkali storage

## Solid hinged doors



### 1. Colour

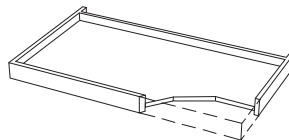
Completely in pearl-grey RAL 7035 or white RAL 9010.

### 2. Carcass

Construction: refer to page 18-19.

### 3. Plinth

Construction: refer to page 4.



### 4. Trays

The adjustable trays are made of solid PVC with an all-round raised anti-spillage lip.

Air is supplied from the bottom and extracted through the 110 mm diameter PVC outlet in the soffit. Sufficient space is provided to the front and back of the trays for the air to be drawn through the cupboard.

### 5. Locks

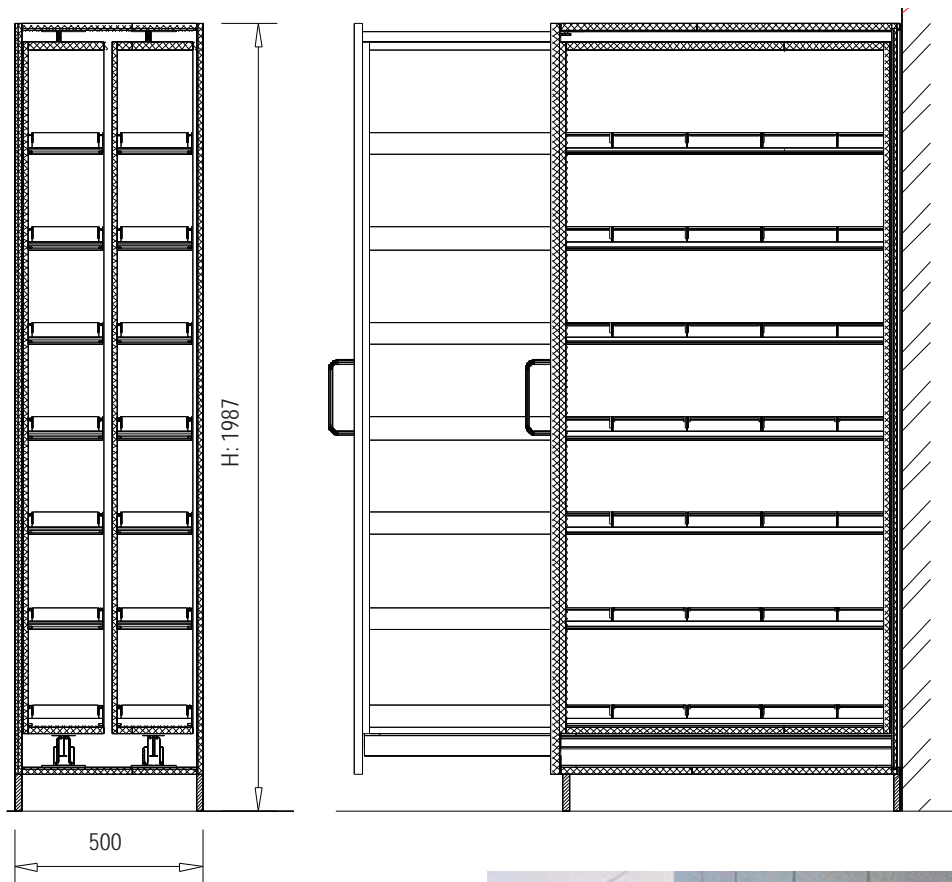
The doors are fitted with a three-point lock.

### 6. Hinges

Exposed Nylon hinges with stainless steel screws.



# Cupboards with pull-out drawers



Height: 1987 mm  
Width: 500 mm (2 elements)  
750 mm (3 elements)  
Depth: from 500 mm up to 1000 mm, in 50 mm increments.

## 1. Colour

Completely in pearl-grey RAL 7035 or white RAL 9010.

## 2. Carcass

Construction: refer to page 18-19.

## 3. Plinth

Construction: refer to page 4.

## 4. Pull-out drawers

The 7 drawers are in plywood 18 mm thick, faced both sides with laminated sheet. They are fitted with edge profiles and removable synthetic partitions.



# Safety cabinets for the storage of flammable liquids

Fire resistance 90 minutes, in compliance with EN-14470-1.  
Possible manufacturers: Acecos, Duperthal, etc.

Different sizes and designs are available in combination with a wide choice of interior configurations.



# Laboratory stools and chairs



## Stackable laboratory stools

Height: 50/55/60/65 cm.  
Equipped with foot rest.  
Frame: grey or black lacquered.  
Options: frame in different colours and seat in polyurethane (black).

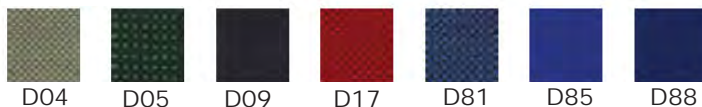


## Laboratory stools on castors

Height:  
H 41-54cm - worktop height 70-80 cm - without foot rest.  
H 50-69 cm - worktop height 80-90 cm - with adjustable foot rest.  
H 58-83 cm - worktop height 90-100 cm - with adjustable foot rest.

Seat in beech, polyurethane (black) or decorated in Trevira.  
Trevira = fire-retardant polyester, easy to clean and very light-fast (i.e. colour-fast when exposed to light).

### Trevira



## Saddle seat on castors

Height:  
H 57-76 cm - worktop height 80-90 cm - without foot rest.  
H 63-88 cm - worktop height 90-100 cm - without foot rest.  
With seat in synthetic leather (black).

Option: seat in Stamskin.

### Stamskin



Stamskin:  
Bottom layer - jersey  
Treatment: antibacterial and anti-dirt treatment  
Fire resistant



# Chairs



## Swivel operator chairs with backrest

Height:

H 44-57cm - worktop height 70-80 cm - without foot rest.

H 52-72 cm - worktop height 80-90 cm - with adjustable foot rest.

H 58-83 cm - worktop height 90-100 cm - with adjustable foot rest.

Seat in beech, polyurethane (black) or decorated in Trevira.

Trevira = fire-retardant polyester, easy to clean and very light-fast (i.e. colour-fast when exposed to light).

### Trevira



## Swivel operator chairs with backrest and armrests

Height:

H 44-57cm - worktop height 70-80 cm - without foot rest.

H 52-72 cm - worktop height 80-90 cm - with adjustable foot rest.

H 58-83 cm - worktop height 90-100 cm - with adjustable foot rest.

Seat in beech, polyurethane (black) or decorated in Trevira.

Trevira = fire-retardant polyester, easy to clean and very light-fast (i.e. colour-fast when exposed to light).

### Trevira



## Swivel operator chairs with saddle seat

Height:

H 60-79 cm - worktop height 80-90 cm - without foot rest.

With seat in synthetic leather (black).

Option: seat in Stamskin.

### Stamskin



Stamskin:

Bottom layer - jersey

Treatment: antibacterial and anti-dirt treatment

Fire resistant

## Mechanical and electrical services



# Laboratory taps BROEN - general

## Surface treatment

Broen laboratory taps are surfaced-treated with an epoxy layer as standard. This makes the surface highly resistant to a large number of chemicals.

Colour: RAL 7035 (pastel grey).

## Technical properties and specifications

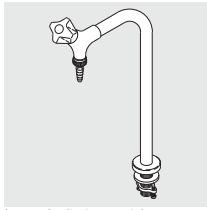
- Layer thickness of the coating : min. 60 my.
- Temperature range : 30° C to +120° C.
- UV resistance : excellent (according to volxenon test).
- Light fastness : 7 (according to DIN 54003 or ISO 105 1987/B01).
- Adhesion : grid section (according to DIN 53151 or ISO 2409 1972).
- Flexibility : bending test (according to DIN 53152 or ISO 1519. Requirement : 6 mm (no cracks).
- Impact resistance : according to ASTM D2794. Requirement : 10 min. in Lbs (no cracks).
- Visual inspection : 100%.
- Resistance to chemicals: polyester powder coating is resistant to the following chemicals (immersed for one year or more): brines, fresh water, distilled water, sodium chloride 20%, sulphuric acid 20%, concentrated hydrochloric acid, nitric acid 10%, phosphoric acid 43%, xylene, ethyl alcohol 96%, butanol, isopopyl alcohol, glycerine, acetone, ethyl acetate 10%, sodium bichromate, hydrogen peroxide, acetic acid 10%, sodium carbonate 10%, kerosene, crude oil, purified petrol, turpentine, toluene.

## General

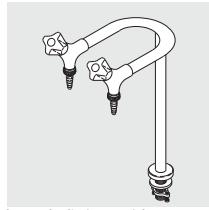
- All taps are equipped with a built-in BALLOFIX (except for demineralised water-, natural gas-taps and one hole mixers).
- Various gas taps with BALLOFIX: gas purity 2.0
- Various gas taps without BALLOFIX: gas purity 4.0.
- All cold- and hot water taps with ceramic sealing (except for demineralised water).

Media	Handle	Colour			Text
		Handle	Ring	Button	
Cold water		Green (No. 5168)	Green (No. 5168)	Light blue (No. 6188)	WPC
Hot water		Green (No. 5168)	Green (No. 5168)	Red (No. 0035)	WPH
Distilled water		Green (No. 5168)	White (No. 1000)	White (No. 1000)	WDI
Low pressure steam		Green (No. 5168)	Red (No. 0035)	Red (No. 0035)	WST
Vacuum		Light grey (No. 7001)	Light grey (No. 7001)	Black (No. 2000)	V
Compressed air		Light blue (No. 6188)	Light blue (No. 6188)	Yellow (No. 4059)	CA
Oxygen		Light blue (No. 6188)	Light blue (No. 6188)	Light blue (No. 6188)	O <sub>2</sub>
Propane / Butane LPG (Burning)		Yellow (No. 4059)	Red (No. 0035)	Yellow (No. 4059)	LPG
Butane		Yellow (No. 4059)	Light blue (No. 6188)	Light blue (No. 6188)	C <sub>4</sub> H <sub>10</sub>
Propane		Yellow (No. 4059)	Light blue (No. 6188)	Red (No. 0035)	C <sub>3</sub> H <sub>8</sub>
Acetylene		Yellow (No. 4059)	White (No. 1000)	Green (No. 5168)	C <sub>2</sub> H <sub>2</sub>
Hydrogen		Red (No. 0035)	Red (No. 0035)	Red (No. 0035)	H <sub>2</sub>
Nitrogen		Light blue (No. 6188)	Green (No. 5168)	Green (No. 5168)	N <sub>2</sub>
Carbon dioxide		Light blue (No. 6188)	Light blue (No. 6188)	Black (No. 2000)	CO <sub>2</sub>
Argon		Light blue (No. 6188)	Light grey (No. 7001)	Light grey (No. 7001)	Ar
Helium		Light blue (No. 6188)	Light grey (No. 7001)	White (No. 1000)	He

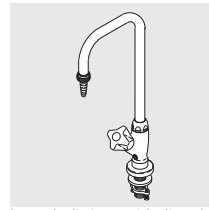
## Laboratory taps BROEN



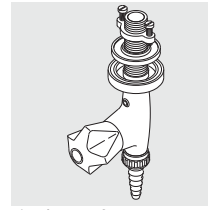
bench fitting with  
1 tap  
**KW01**



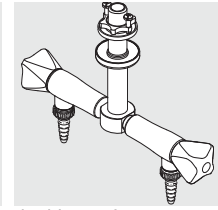
bench fitting with 2 taps  
**KW02**



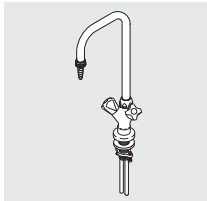
bench fitting with fixed  
spout  
**KW04**



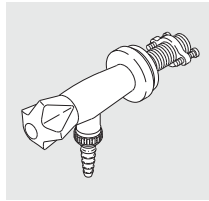
single tap for  
suspended mounting  
**KW21**



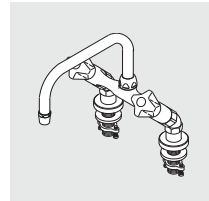
double tap for  
suspended mounting  
**KW22**



one hole mixer with  
swivel spout  
**MW01**

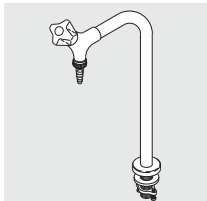


tap for wall mounting  
**KW13 sp70**  
**KW15 sp150**

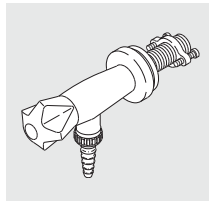


mixer for wall  
**MW11**  
or bench mounting  
**MK03**

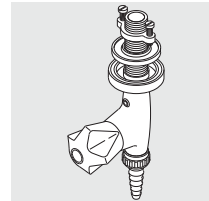
## Demineralised water taps BROEN



bench fitting with  
1 tap  
**DW01**

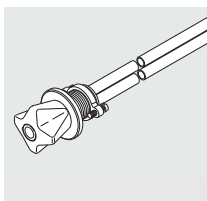


tap for wall mounting  
**DW15**



tap for suspended  
mounting  
**DW21**

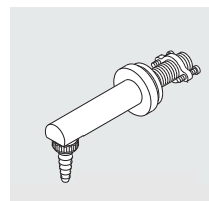
## Water/demineralised water taps for fume cupboards BROEN



front control valve  
**KW33**  
**DW33**

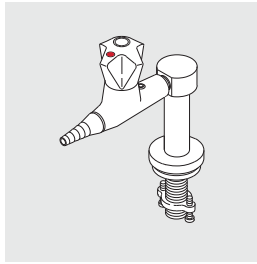


swivel spout  
**KW31**  
**DW31**

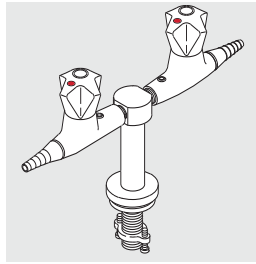


square wall outlet  
**KW32**  
**DW32**

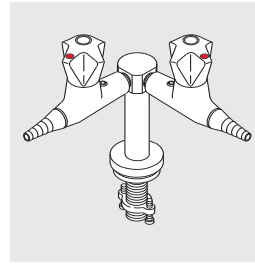
## Gas taps BROEN



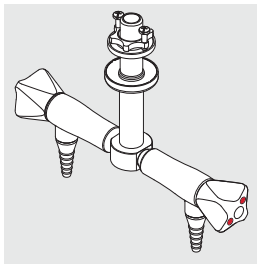
bench fitting with  
1 tap  
**AG01**



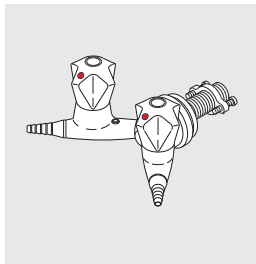
bench fitting with 2 taps  
**AG02-180**



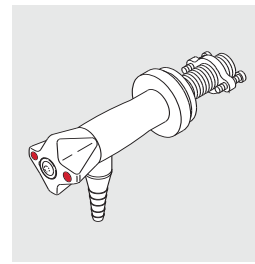
bench fitting with 2 taps  
**AG 02-90**



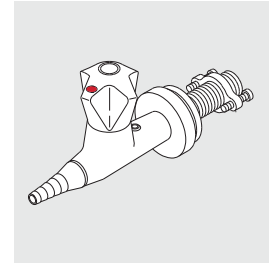
double tap for suspended  
mounting  
**AG22**



double wall mounted tap  
**AG12**

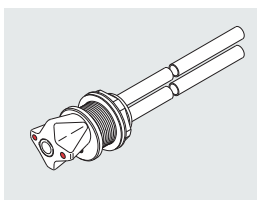


wall mounted tap  
**AG15**

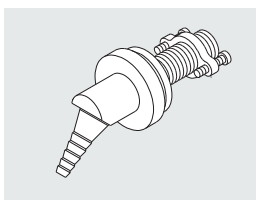


tap for suspended mounting  
**AG11**

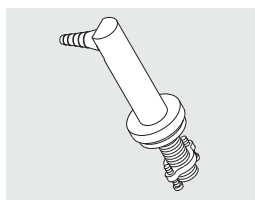
## Gas taps for fume cupboards BROEN



front control valve  
**AG33**



square wall outlet 45°  
**AG32**



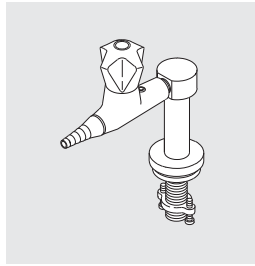
square worktop outlet  
or wall mounting  
**AG31**

## Taps with pressure regulators

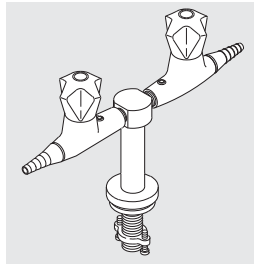
Broen, Far, Air Liquide, Draeger, Messer, ...  
Execution according to the desires of the customer.



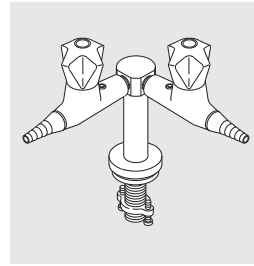
## Various gas taps and vacuum outlets BROEN



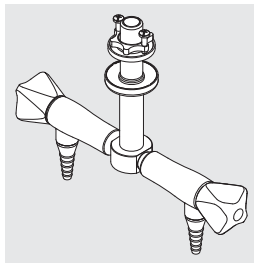
bench fitting with 1 tap  
**N2/01**  
**PL/01**  
**VAC/01**  
 ... /01



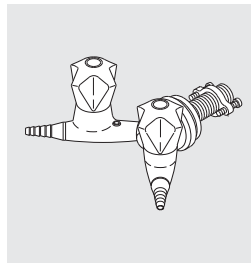
bench fitting with 2 taps  
**N2/02-180**  
**PL/02-180**  
**VAC/02-180**  
 ... /02-180



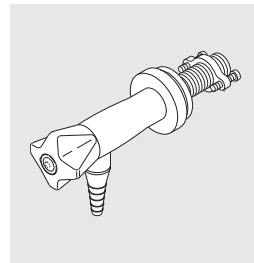
bench fitting with 2 taps  
**N2/02-90**  
**PL/02-90**  
**VAC/02-90**  
 ... /02-90



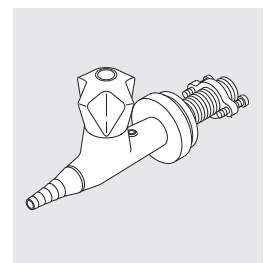
double tap for suspended mounting  
**N2/22**  
**PL/22**  
**VAC/22**  
 ... /22



double wall mounted tap  
**N2/12**  
**PL/12**  
**VAC/12**  
 ... /12

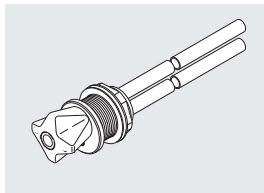


wall mounted tap  
**N2/15**  
**PL/15**  
**VAC/15**  
 ... /15

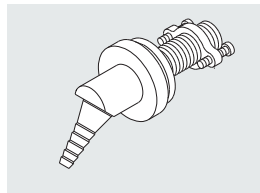


tap for suspended mounting  
**N2/11**  
**PL/11**  
**VAC/11**  
 ... /11

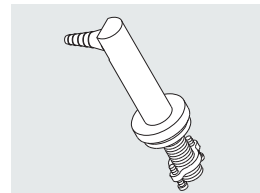
## Various gas taps and vacuum outlets BROEN



front control valve  
**N2/33**  
**PL/33**  
**VAC/33**  
 ... /33

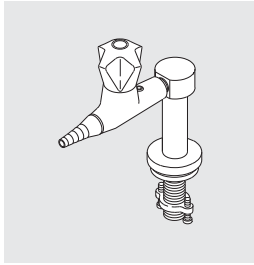


square wall outlet 45°  
**N2/32**  
**PL/32**  
**VAC/32**  
 ... /32

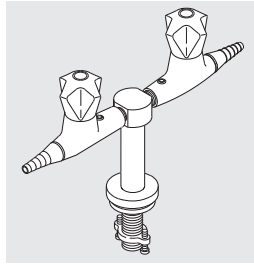


square worktop outlet  
 or wall mounting  
**N2/31**  
**PL/31**  
**VAC/31**  
 ... /31

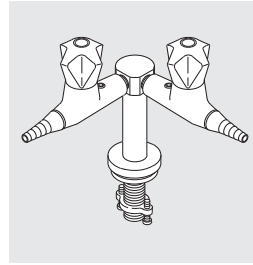
## Various gas taps 5.0 BROEN



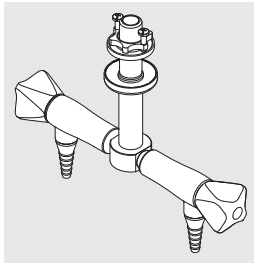
bench fitting with 1 tap  
**N2/01 5.0**  
**PL/01 5.0**  
 ... /01 5.0



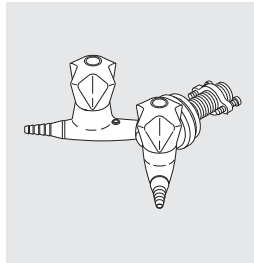
bench fitting with 2 taps  
**N2/02-180 5.0**  
**PL/02-180 5.0**  
 ... /02-180 5.0



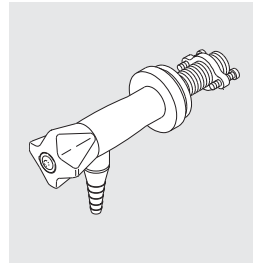
bench fitting with 2 taps  
**N2/02-90 5.0**  
**PL/02-90 5.0**  
 ... /02-90 5.0



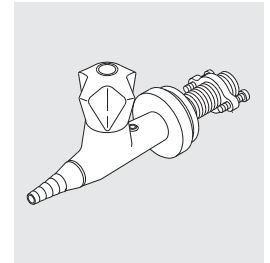
double tap for suspended  
 mounting  
**N2/22 5.0**  
**PL/22 5.0**  
 ... /22 5.0



double wall mounted tap  
**N2/12 5.0**  
**PL/12 5.0**  
 ... /12 5.0

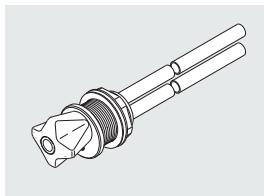


wall mounted tap  
**N2/15 5.0**  
**PL/15 5.0**  
 ... /15 5.0

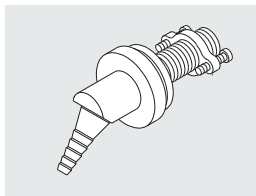


tap for suspended mounting  
**N2/11 5.0**  
**PL/11 5.0**  
 ... /11 5.0

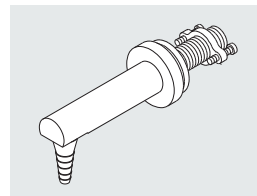
## Various gas taps 5.0 for fume cupboards BROEN



front control valve  
**N2/33 5.0**  
**PL/33 5.0**  
 ... /33 5.0

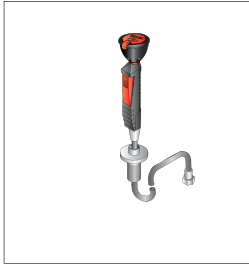


square wall outlet 45°  
**N2/32 5.0**  
**PL/32 5.0**  
 ... /32 5.0



square worktop outlet  
 or wall mounting  
**N2/31 5.0**  
**PL/31 5.0**  
 ... /31 5.0

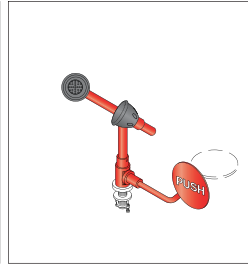
## Emergency and eye showers BROEN



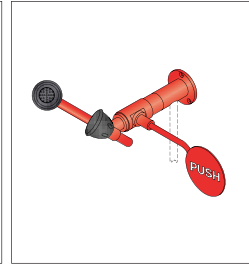
trigger operated  
hand shower  
**ES01**



trigger operated  
eye shower  
**ND02**



eye shower  
**ES03**



eye shower for wall  
mounting  
**ND12**



emergency shower  
**ES13**



# Laboratory taps FAR

## Production

The production process takes place by using the latest technology, using modern CNC machines.

The taps are made of entirely drawn iron-free or forged OT85 brass, P-Cu-Zn40-Pb2 certified. The soldering is done cadmium free and consists of 40% silver. This material is also permitted for the food industry. Before the coating the taps are ultrasonically cleaned, both on the inside and the outside.

This cleaning removes all contaminants that are on the tap. The cleaning process is completely environmentally friendly.

The assembly of the taps is carried out by a special unit. With the greatest care, the different parts are put together, by using welded joints and Loctite®. In the final phase of the assembly the screw connections are tested with the help of certified equipment.

## Coating

The tap is finished with an epoxy powder coating. This coating ensures a clean and smooth surface, that is resistant to acids, bases and solvents. All RAL colours can be chosen, the standard is light grey (RAL 7035).

## Buttons

All taps are delivered with buttons with the current colour coding according to EN-13792:2002.

























































## Standards

Each tap is tested by using a fully computer-controlled test standard.

Only taps with a positive test result leave the factory.

FAR works according to the ISO 9001 TÜV certification.

**Colourcoding FAR Laboratory taps according to EN 13792:2002**  
© Steendam lab furnishing supplies (2002)

 Irrigation water (WCS)	 Drinking water, hot (WPH)	 Drinking water, cold (WPC)	 Fountain water (WSP)	 Plant water, hot (WNH)	 Plant water, cold (WNC)	 Steam (WST)
 Condensation (WCO)	 Pure water, hot (WCH)	 Pure water, cold (WCC)	 Cooling water return (WCR)	 Cooling water forward (WCF)	 Surface water, hot (WSH)	 Surface water, cold (WSC)
 Demin. water, hot (WDH)	 Demin. water, cold (WDC)	 River water, hot (WRH)	 River water, cold (WRC)	 Distilled water (WDI)	 Natural gas (G)	 Propane/Butane (LPG)
 Methane (CH <sub>4</sub> )	 Propane (C <sub>3</sub> H <sub>8</sub> )	 Butane (C <sub>4</sub> H <sub>10</sub> )	 Ethylene (C <sub>2</sub> H <sub>4</sub> )	 Propylene (C <sub>3</sub> H <sub>6</sub> )	 Buten (C <sub>4</sub> H <sub>8</sub> )	 Acetylene (C <sub>2</sub> H <sub>2</sub> )
 Argon/Methane (Ar/CH <sub>4</sub> )	 Hydrogen/Nitrogen (H <sub>2</sub> /N <sub>2</sub> )	 Hydrogen (H <sub>2</sub> )	 Silane (SiH <sub>4</sub> )	 Hydrogen/Helium (H <sub>2</sub> /He)	 Deuterium (D <sub>2</sub> )	 Nitrogen (N <sub>2</sub> )
 Nitrogen oxide (N <sub>2</sub> O)	 Compressed air (synthetic) 8a/2a	 Compressed air (CA)	 Oxygen (O <sub>2</sub> )	 Carbon dioxide (CO <sub>2</sub> )	 Circulating air (RA)	 Breathing air (BA)
 Carbon (CO <sub>2</sub> +O <sub>2</sub> ) (CB)	 Krypton (Kr)	 Xenon (Xe)	 Neon (Ne)	 Argon (Ar)	 Helium (He)	 Ammonia (NH <sub>3</sub> )
 Nitrogen dioxide	 Nitrogen monoxide	 Hydrogen Sulphide	 Arsenic	 Phosphine	 Hydrochloric acid	 Solphuric dioxide

## Water/demineralised water taps FAR



bench fitting with 1 tap  
**KW01**  
**DW01**  
(demineralised water)



bench fitting with 2 taps  
**KW02**



bench fitting with swivel spout  
**KW4R**  
**KW04L**



tap for suspended  
**KW21**  
or wall mounting  
**KW13**



double tap for  
suspended mounting  
**KW22**



One hole mixer with  
swivel spout  
**MK01**



tap for wall mounting  
**DW15**  
(demineralised water)



double tap for  
suspended or wall  
mounting  
**KW16**



tap for wall mounting  
**MK04**



tap for wall mounting  
(bottom outlet)  
**MK11**



tap for wall mounting  
(top outlet)  
**MK12**

## Water/demineralised water taps for fume cupboards FAR



front control valve  
**KW33**  
**DW33**



swivel spout  
**KW31**  
**DW31**



square wall outlet  
**KW32 sp50/75/100**  
**DW32 sp50/75/100**



## Natural gas taps FAR



bench fitting with 1 tap  
**AG01**



bench fitting with 2 taps  
**AG02-180**



bench fitting with 2 taps  
**AG 02-90**



double tap for suspended mounting  
**AG22**



double wall mounted tap  
**AG12**



tap for suspended mounting  
**AG11**



wall mounting tap  
**AG15**

## Natural gas taps for fume cupboards FAR



front control valve  
**AG33**



square wall outlet  
**AG32**



square worktop outlet  
or wall mounting  
**AG31**

## Emergency and eye showers FAR



trigger operated hand shower  
**ND01**



trigger operated hand shower for wall mounting  
**ND11**



hand operated eye shower  
**ND03**



eye shower for wall mounting  
**ND12**



emergency shower  
**ND13**

## Various gas taps and vacuum outlets FAR



bench fitting with 1 tap

**N2/01**  
**PL/01**  
**VAC/01**  
... /01



bench fitting with 2 taps

**N2/02-180**  
**PL/02-180**  
**VAC/02-180**  
... /02-180



bench fitting with 2 taps

**N2/02-90**  
**PL/02-90**  
**VAC/02-90**  
... /02-90



double tap for suspended mounting

**N2/22**  
**PL/22**  
**VAC/22**  
... /22



double wall mounted tap

**N2/12**  
**PL/12**  
**VAC/12**  
... /12



tap for suspended mounting

**N2/11**  
**PL/11**  
**VAC/11**  
... /11



tap for suspended mounting

**N2/15**  
**PL/15**  
**VAC/15**  
... /15

## Various gas taps and vacuum outlets for fume cupboards FAR



front control valve

**N2/33**  
**PL/33**  
**VAC/33**  
... /33



square wall outlet

**N2/32**  
**PL/32**  
**VAC/32**  
... /32



square worktop outlet  
or wall mounting

**N2/31**  
**PL/31**  
**VAC/31**  
... /31

## Various gas taps 5.0 FAR



bench fitting with 1 tap

**N2/01 5.0**

**PL/01 5.0**

**... /01 5.0**



bench fitting with 2 taps

**N2/02-180 5.0**

**PL/02-180 5.0**

**... /02-180 5.0**



bench fitting with 2 taps

**N2/02-90 5.0**

**PL/02-90 5.0**

**... /02-90 5.0**



double tap for suspended mounting

**N2/22 5.0**

**PL/22 5.0**

**... /22 5.0**



double wall mounted tap

**N2/12 5.0**

**PL/12 5.0**

**... /12 5.0**



tap for suspended mounting

**N2/15 5.0**

**PL/15 5.0**

**... /15 5.0**



tap for suspended mounting

**N2/11 5.0**

**PL/11 5.0**

**... /11 5.0**

## Various gas taps for fume cupboards 5.0 FAR



front control valve

**N2/33 5.0**

**PL/33 5.0**

**... /33 5.0**



square wall outlet 45°

**N2/32 5.0**

**PL/32 5.0**

**... /32 5.0**



square worktop outlet or wall mounting

**N2/31 5.0**

**PL/31 5.0**

**... /31 5.0**

# Electrical fittings



As standard we work with the sockets of the brand GIRA.  
Other brands are also available upon customer request.

- type E51: single socket 220V - 16A +a
- type E53: twin socket mono 220V - 16A +a
- type E52: double pole switch mono 220V - 16A +a
- type E65: single socket 3-phased CEE 220/380V+a
- type E67: fan switch with indicator lamp and thermal protection
- type E68: continuous speed regulator
- type E69: cam switch - 2 levels
- type E70: cam switch- 3 levels
- type E71: switch on/off

These are some standard features. Obviously, all features are customisable according to the customer request.



## Electrical wall trunking



Dimensions: H 110 mm \* D 65 mm

Wall benches can be provided with an electrical trunking in profiled steel plate for mounting electrical services. The trunking is designed for laying in screened cables for communication or data circuits. The whole is finished in epoxy coating grey RAL7035 or white RAL 9010.

## Service columns

Dimensions: W 110 \* D 100 \* H 200 mm

All sorts of services can be provided on the service columns in profiled steelplate. Finished in epoxy coating grey RAL7035 or white RAL 9010.





# Large service columns

## GENERAL

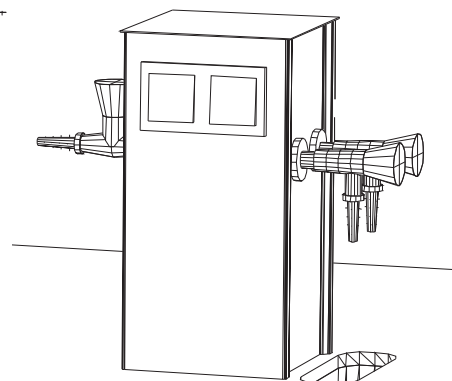
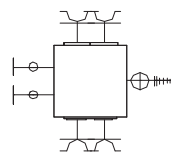
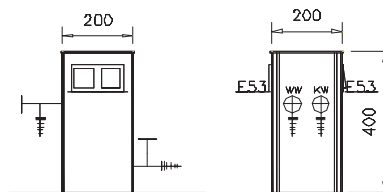
Dimensions: W 200 \* D 200 \* H 400 mm

All types of services can be mounted on the service bridges in profiled steel plate.

Finishing in epoxy coating grey RAL7035 or white RAL 9010.

## ALTERNATIVES

Construction in solid grade laminate, stainless steel AISI 316 or PP. The shelf can be replaced by a shelf in solid grade laminate. Two-tier.



# Single and double service bridges

## GENERAL

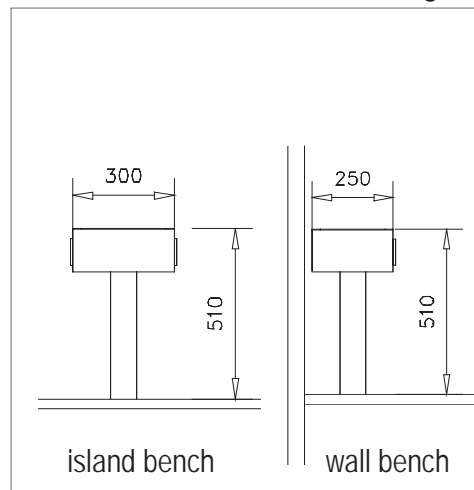
The bridge consists of:

- The service bridge sits on steel supports serving as a conduit for the services.
- Profiled steel plate with electrical ducts on each side.
- The taps are suspended from the bottom panel in melamine faced particle board.
- The upper part of the bridge is covered with a plate in hammered glass.
- All metal parts are finished in epoxy coating grey RAL 7035.

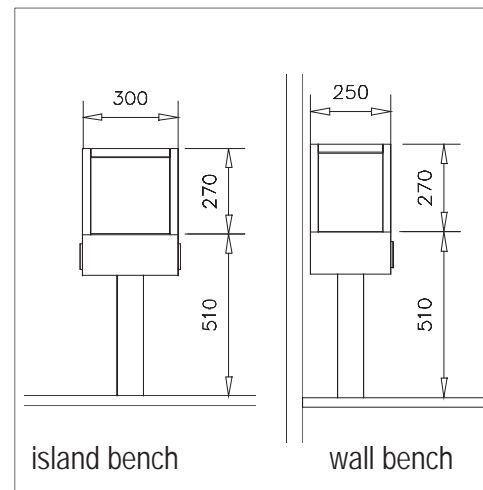
## ALTERNATIVES

- The shelf in glass can be replaced by a shelf in solid grade laminate, thickness 6 mm.
- The electrical duct can be equipped with an internal separation, for data circuits.

### SERVICE BRIDGE 06.81 - single sided



### SERVICE BRIDGE 06.82 - double sided



# Reagent shelving

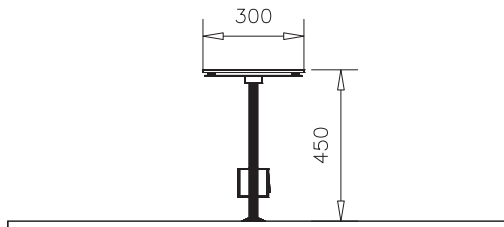
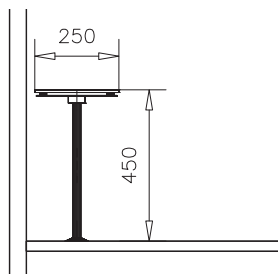
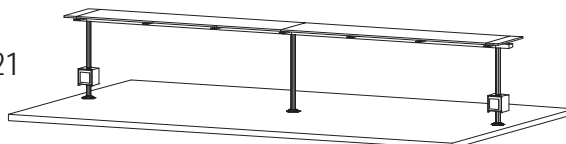
## GENERAL

The reagent shelving is a bench mounted epoxy coated steel frame (grey RAL 7035) with a matching shelf in hammered glass, thickness 6 mm, ground all around.

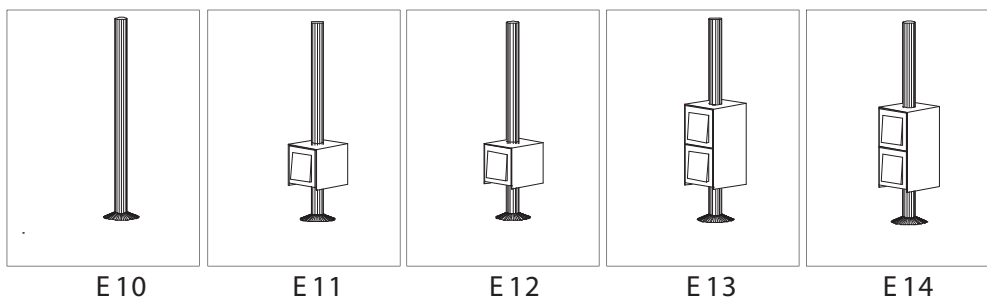
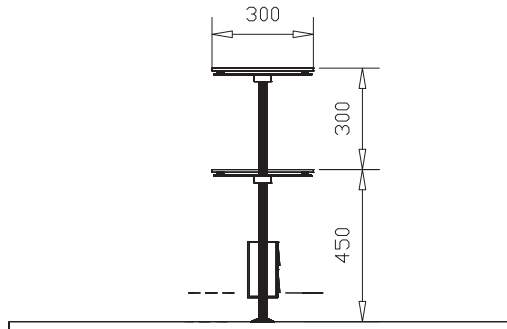
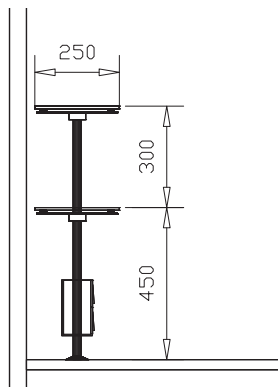
## ALTERNATIVES

- The shelf in glass can be replaced by a shelf in solid laminate, thickness 6 mm.

### REAGENT SHELVING 06.21



### REAGENT SHELVING 06.22



E10

E11

E12

E13

E14

# Reagent shelving



REAGENT SHELVING 06.22



# School furniture - teachers bench

## CONSTRUCTION

The teachers bench is faced in the same way as a console bench type F. The underbench units, mounted fixed on the wooden plinth, are the supporting element of the worktop. The side of the students is finished with a finishing panel.

## COMPOSITION

### 1. Worktop

Different worktops can be chosen, refer to page 20-23.

### 2. Plinth

The plinth is a glued structure of laths in plywood 18 x 100 mm. The whole is glued with pine chocks and all exposed parts are faced with laminated sheet, 0.9 mm thickness.

Colour: mouse-grey (RAL 7037).

The plinth is placed directly on the floor. In order to prevent the penetration of the water while cleaning the rooms, it is sealed with silicone to the floor. The plinth is set back 25 mm from the unit front. At knee space positions the plinth is provided within the recess between units.

### 3. Underbench Units

For construction refer to page 18-19.

Melamine faced carcass, doors and drawer fronts: pearl grey RAL 7035 or white RAL 9010.

Edging to carcass - shelves - drawer boxes: pearl grey RAL 7035 or white RAL 9010.





# Teachers bench

## EQUIPMENT (optional)

### 1. Sink

Depending on the nature of the worktop, different materials can be chosen for the sink: stainless steel, polypropylene or stoneware. (refer to page 24-31).

### 2. Services

The mechanical services can be mounted on the worktop as well as on a service column. The service column is made out of profiled steelplate, epoxy coating.

The electrical services can also be mounted on a service column, on the operating panel above the knee space or on the side of the bench.

### 3. Central control

The supply of water, gas and electricity to the teachers bench (+fume cupboard) and the students table can be switched on and off separately through the central control.

It is operated by turning switches with warning lights, on the serving panel in the knee space.

### 4. Emergency stop system

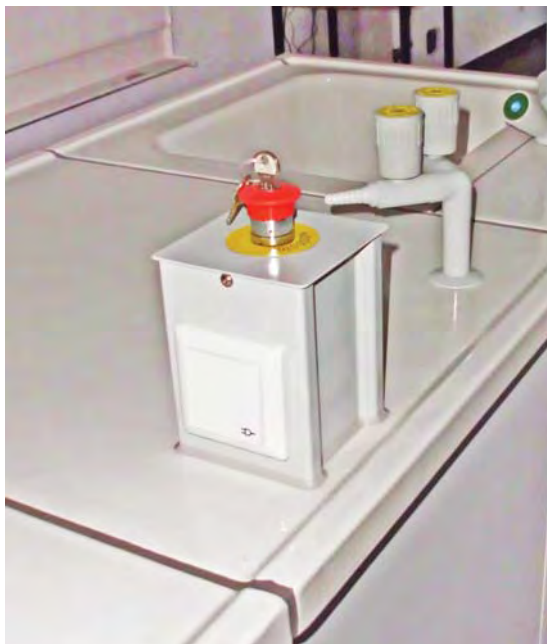
The supply of water, gas and electricity in the classroom can be interrupted by means of an emergency stop button. The supply of water and gas can be interrupted by electrical valves, the supply of electricity by a relay. The teachers bench, as well as the students table can be provided with an emergency stop.

### 5. Low voltage power source

A low voltage power source, placed in the recess of the teachers bench can also provide the students table with low voltage.

Consists of:

- alternating current module, from 0 up to 30V AC, from 0 up to 10A.
- direct current module from 0 up to 30V DC, from 0 up to 20A.



# Demonstration fume cupboard

## DIMENSIONS

Height: 1250mm  
Width: 1130mm  
Depth: 680mm

## CONSTRUCTION

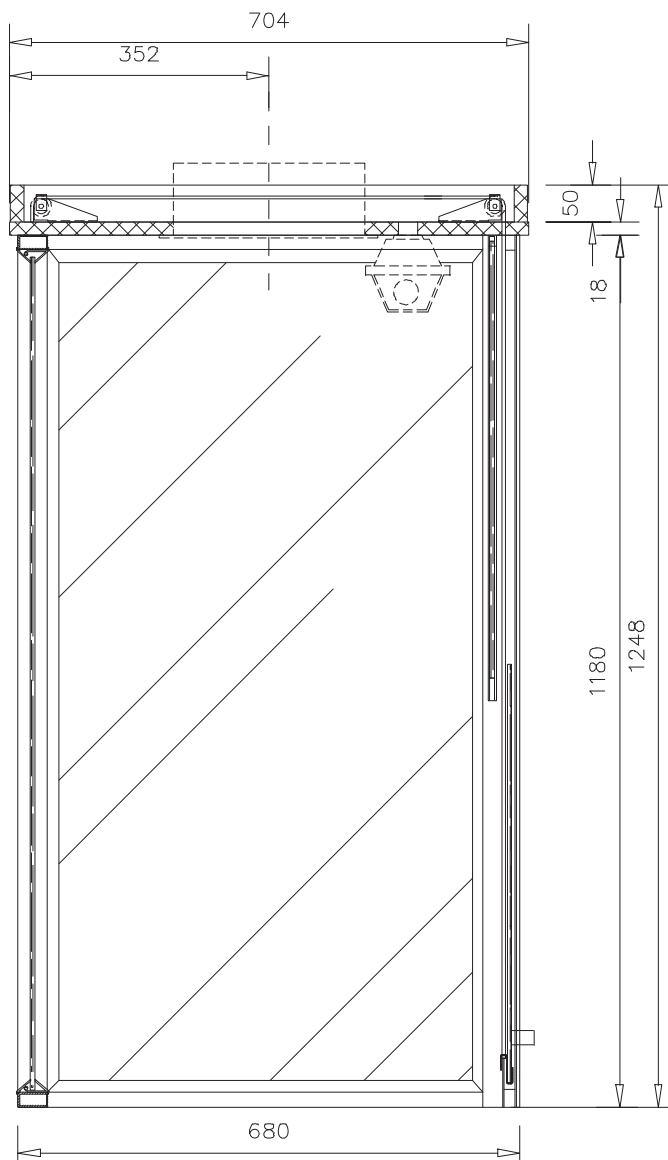
The demonstration fume cupboard is placed on a table (teachers bench).  
It consists of a heavy structure in steel tube profiles, epoxy coating (colour grey RAL 7035).  
The 4 sides are of safety glass, with a sash in front. The hermetical light fitting is situated inside the fume cupboard.

## EXTRACTION

The soffit is provided with a duct outlet in PEs, diameter 200 mm.

## OPTION

Sash to front and rear.



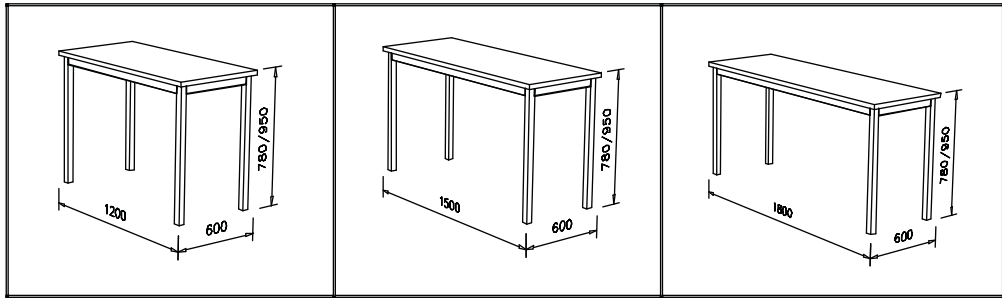
*setting up example: demonstration fume cupboard mounted on a cupboard type F. The services outlets are situated on the worktop and control valves on the service panel of the cupboard.*

# Students table

## TABLE '4-LEGS'

Metallic support, type loose table, epoxy coating RAL 7037 (mouse grey).  
Worktop of choice: refer to page 20-23.

Height: 780/950mm  
Width: 1200/1500/1800mm  
Depth: 600mm



## TABLE 'WITH C-FRAME'

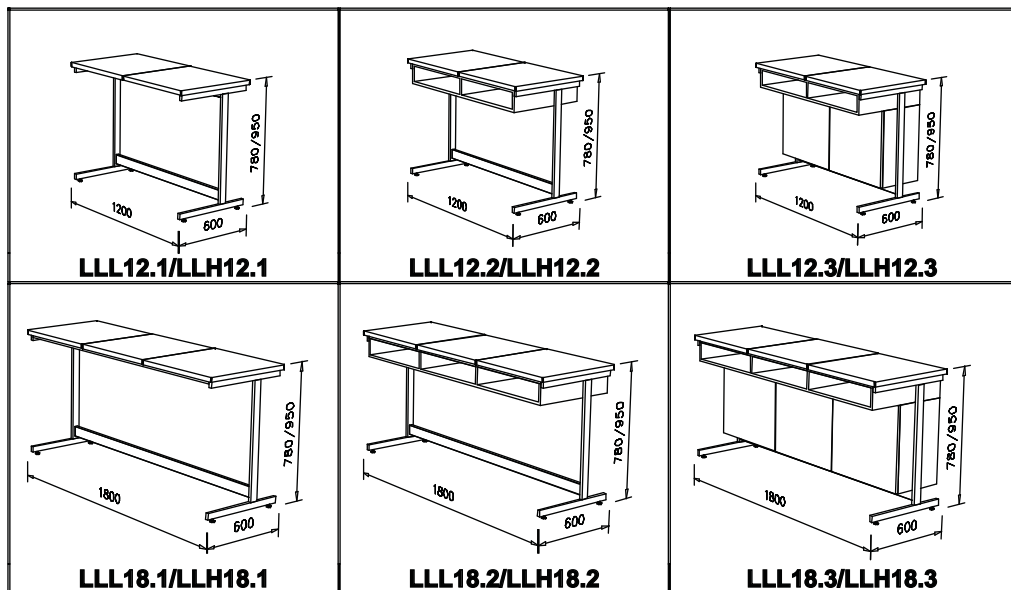
Metallic support, epoxy coating RAL 7037 (mouse grey).  
Worktop of choice: refer to page 20-23.

The table can be provided with a bookshelf and/or bookcase, in melamine faced particle board.

Height: 780 (LLL)  
950mm (LLH)  
Width: 1200/1800mm  
Depth: 600mm

## Infill panels

Removable infill panels can be mounted on the rear and sides of the table.



# Service modules

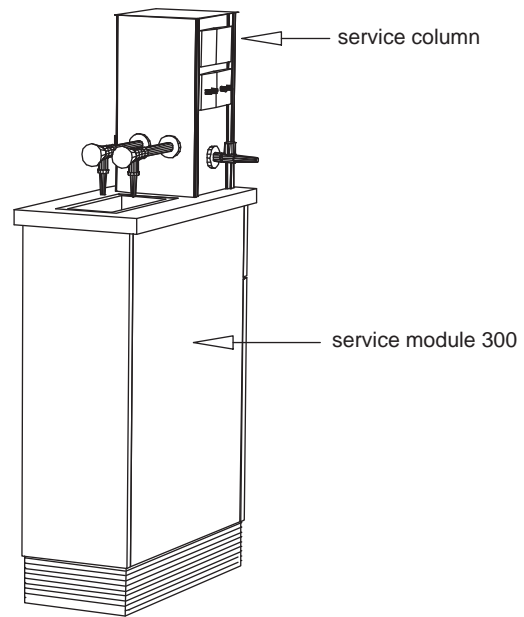
## DIMENSIONS

### Service module 300

Width: 300mm  
Height: 780/950mm  
Depth: 600mm

### Service module 600

Width: 600mm  
Height: 780/950mm  
Depth: 600mm



## CONSTRUCTION

### 1. Worktop & drip cup

#### Service module 300:

- in white acid-resisting stoneware slabs with drip cup (dim. 180 x 300 x depth 220 mm) (refer to page 22).
- in solid grade laminate with drip cup in stoneware (refer to page 22).

#### Service module 600:

- in white acid-resisting stoneware slabs with seamless fitted drip cup (dim. 260 x 240 x depth 165 mm) (refer to page 22).
- in solid grade laminate with fitted drip cup in stoneware (refer to page 22).

### 2. Cupboard

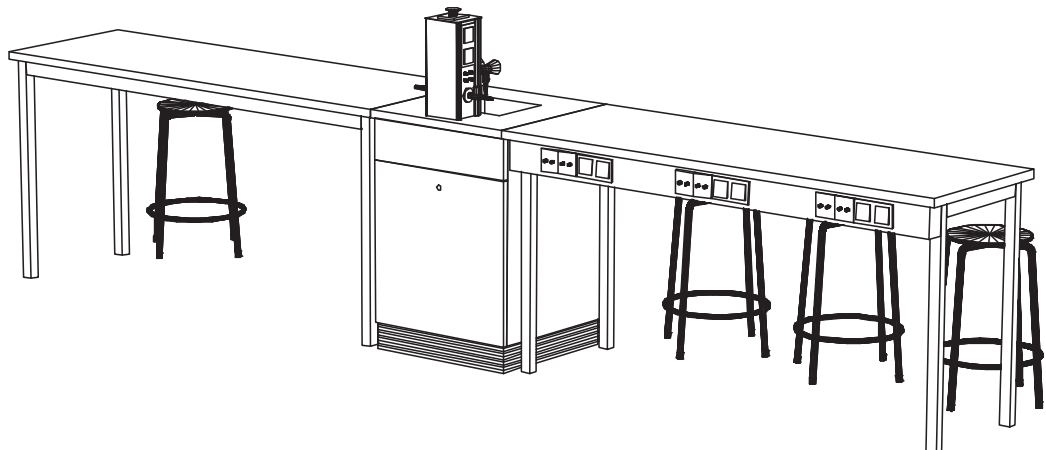
Self-supporting underbench mounted cupboard in melamine faced particle board, mounted fixed on a wooden plinth. To one side (rear) a cupboard door with lock is provided.

#### Colour:

- Melamine faced particle board: pearl-grey RAL 7035 or white RAL 9010.
- Edging: carcass - shelves - drawer boxes: pearl-grey RAL 7035 or white RAL 9010.
- Edging: doors and drawer fronts: mouse-grey RAL 7037 or white RAL 9010.
- Plinth: plywood + laminated sheet: mouse-grey RAL 7037.

### 3. Services

The services can be mounted on the worktop as well as on a service column.



# Custom made students benches/tables

Students benches and tables can be customised to suit specific requirements.  
In this case we start from our standard laboratory furniture (type M / VU / Chromosome).  
The project manager explains the various options to achieve the best setup with the customer.



type F



type F



# Custom made students table



type VU



type F



type F



laboratory furniture

Potteau labo | Zuidstraat 24-32 | 8501 Heule | België  
T 0032 (0)56/ 36 33 33 F 0032 (0)56/35 78 06  
info @potteau.com | www.potteau.com

