Станции по работе с опасными материалами, рабочие места для опасных грузов GAP-LINE

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Overview

Hazardous material work stations depth 600 mm and 750 mm

GAP.110.090.060
GAP.140.090.060
GAP.110.090
GAP.140.090
from page 368

GAP.110.120.060
GAP.140.120.060
GAP.110.120
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GAP.110.150.060
GAP.140.150.060
GAP.110.150
GAP.140.150
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GAP.110.180.060
GAP.140.180.060
GAP.110.180
GAP.140.180
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Hazardous material work stations depth 600 mm and 750 mm

GAP.140.090.EC
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GAP.140.120.EC
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Weighing work stations

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Suction hoods

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GAP-LINE

Are you working with hazardous materials at your workplace?

Legal requirements for employers have steadily increased in recent years and although these are tending towards **deregulation**, they do, however, confer with them a **higher degree of responsibility.**

Air is a suitable medium to move hazardous materials from one hazardous area to another such as, for example all types of filters or to areas of higher dilutions. The primary aim is, above all to protect personnel against harmful vapours.

A wide range of applications.
Along with traditional laboratories, such as those mentioned in the guidelines "Working Safely in Laboratories", (German regulations BGI 850-0), there are many other workplaces where hazardous materials are handled in some form or another. These are, for example:

- machines (for cooling, grinding, dust, chips …)
- storage (solvents, chemicals…)
- workshops (with soldering, welding, bonding, cleaning, painting, grinding areas…)
- working with solvents (cleaning, decanting, adhesive bonding, painting)
- or medical pathology

The following diagram provides the user and employer (at the workplace) with an overview to quickly find practical solutions to work-related issues.

Are you working with hazardous materials at your workplace?
(German regulations ArbSchG §§ 4,5,6; BetrSichV §3; ArbStättV §3)

NO → **no further action required**

YES

Can the work with hazardous materials be avoided? (Risk assessment, BetrSichV, TRGS 400)

YES → **no further action required**

NO

Initiate protective measures (GefStoffV §§7–10)

In addition to organizational and personal protective measures, technical procedures are the most important and efficient means for providing maximum personal protection.

+ effectiveness –

- **Fume cupboard according to EN 14175-3**
- **Hazardous material work station with volume flow monitoring, tested in accordance with EN 14175-3**
- **Pharmaceutical exhaust according to EN 12924 part 4: 2012**
- **Suction hoods without volume flow monitoring, tested in accordance with EN 14175-3**
- **Spot and source extraction**
- **Various bench extraction systems**

Technical solutions are always preferable to organisational and personal measures!

The solutions

How does the asecos hazardous materials work station work?

The capacity of the hazardous material work station to hold pollutants in check depends to a large extent on the air speeds achieved by the device's inlet air.

Increasing the inlet air flow increases the exhaust air flow at the same time. High air speeds are needed in the area of the front opening in order to capture pollutants optimally and direct them elsewhere.

It is only this interaction that can prevent the possibility of pollutants "rebounding" from the rear wall and being pushed forwards out of the hazardous material work station.

Fresh air curtain

Thanks to the optimised exhaust air ducts, and to the use of fresh air curtains in the upper and lower parts of the front opening, the asecos hazardous material work station can satisfy the requirements described above:

- Air supply to the fresh air curtain through a powerful radial fan
- Air required is sucked in from the work area
- Fresh air transported through the aluminium frame sections jointed at corner nodes
- Excess pressure developed in the tubular frame feeds the fresh air nozzles, which point inwards at 45°
- Hazardous materials (gases, vapours or suspended solids) present or being generated in the working area are securely captured and transported back towards the rear wall
- For optimised evacuation, efficient capture of the hazardous materials through the suction slots and transfer to the exhaust air system, the hazardous material work station must always be connected to a suitable exhaust air system

Secure function

- Permanent display of the air system parameters through monitoring equipment fitted as standard
- Monitoring the air in the exhaust and supply ducts through pressure measurement
- Integrated pressure cells with adjustable nominal value, adjusted for the required (minimum) quantities
- Alarm signal (audible and visible) given if the parameters drift outside a 10% tolerance from the specified figures. The visual alarm only stops when the nominal values are reached again.
- Optional isolated alarm contact for signaling to a central control point
- Integrated back-up battery to maintain function of the monitoring unit in the event of a power failure

Secure pollutant capture

The hazardous material work station offers the user a highly efficient form of pollutant capture through blowing carefully directed fresh air curtains at the front, and through a vacuum at the rear wall.

Conclusion

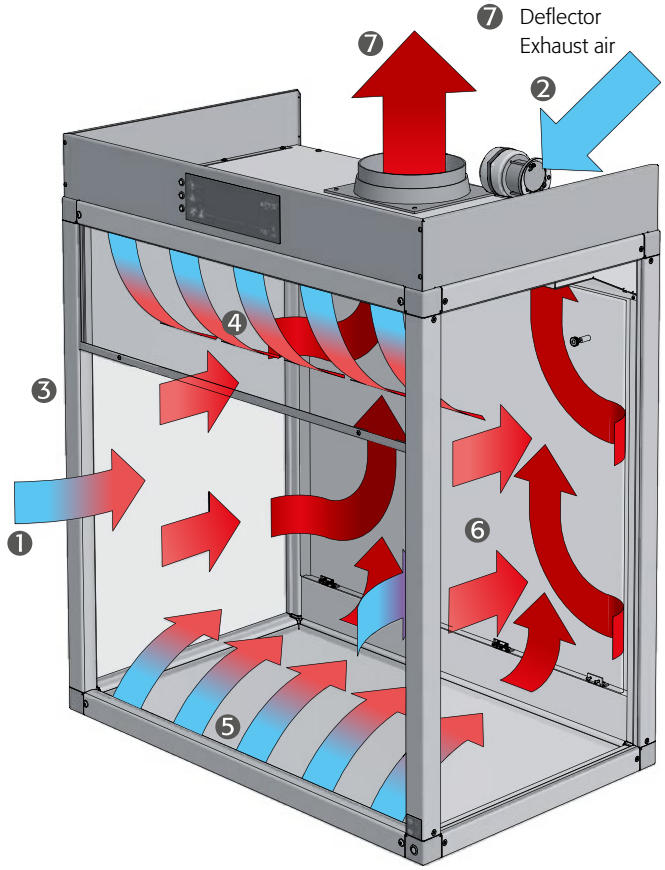
The hazardous material work stations from asecos offer

- optimal matched fresh air curtains in the region of the front opening
- optimised exhaust air ducts
- equipment to monitor the air parameters as standard

and so guarantee the user the highest levels of safety and protection against hazardous substances.

1. Air entering through the front
2. opening
3. Radial fan air intake
4. Aluminium tubular frame
5. Upper fresh air curtain
6. Lower fresh air curtain
7. Deflector

Exhaust air



Ventilation testing in accordance with EN 14175 – Part 3

What does that mean?

EN 14175 consists of the following parts:

Part 1: Terms
Part 2: Requirements for safety and capacity
Part 3: Type test methods
Part 4: On-site test procedure
Part 5: Recommendations for installation and servicing
Part 6: Exhausts with regulated volume flow rates
Part 7: Fume cupboards for special application with high thermal load and/or acidic load

Aim:
The aim of Part 3 of the European standard EN 14175 is to specify the type testing procedure for evaluating the safety and the airflow capacity of exhaust equipment.

In accordance with the hazardous materials regulations and the workplace regulations, hazardous vapours, gases or suspended solids that are released must be fully captured at the place where they emerge or where they are created before they can damage health or the environment.

The asecos hazardous material workplace is a highly effective way of ensuring that no vapours, gases or suspended solids involved in handling hazardous working materials (for instance when filling containers, gluing, cleaning, preparing, weighing etc.) pollute the breathable air.

This has been proven in tests that accord with EN 14175 Part 3, Type Testing Procedure for Exhausts, paragraph part 5.4.4 (Robustness of the retention capacity), if properly used they also ensure that no explosive gas-air mixtures accumulate inside the device (proven by an additional test according with DIN 12924 Part 1, Concentration of hazardous gases inside devices).

Comment:
The lowest known explosion limits are around 6000 ppm (the lower explosive limit (LEL) of hydrogen). Testing in accordance with DIN 12924 Part 1 for the maximum pollutant concentration in the interior of the device defines a maximum permissible concentration of 2000 ppm of pollutant (which represents a safety factor of at least 3). In this test it has been clearly demonstrated that the maximum pollutant concentration in the asecos hazardous material workplace has not exceeded 320 ppm. This offers the user a safety level that is 20 times higher and thereby far exceeds the requirements of DIN 12924 Part 1.

All tests have been carried out by recognised and certified test institutes.

Test setup:

- In order to test the robustness of the retention capacity, nine samplers are positioned on a grid directly in front of the hazardous material workstaion in a measuring plane that is parallel to the front opening (refer also here to figure 2).
- In addition, a flat, rectangular board with a height of 1900 mm and a width of 400 mm (movable along a line parallel to the front opening) is constructed in front of the hazardous material workstation.
- When testing the robustness of the capture capacity, the board is moved back and forth at a speed of 1 m/s transverse to the front side, across the full width of the hazardous material work station.
- A mixture of sulphur hexafluoride (SF6) and nitrogen (N2) is used as a test gas, in which the proportion of SF6 by volume is 10%.

Test procedure:

- The board which is vertical and oriented at a right angle to the workplace, is moved back and forth at a speed of 1 m/s transverse the front face.
- At each side the board is moved to a point at least 600 mm beyond the total width of the workplace.
- Thirty seconds elapse between each transit. The concentration of test gas is measured and recorded.
- The movement of the plate is started after 60 s and six complete transits are carried out.
- The gas analyser continues to measure the signal for a further 30 s.
- The test gas outlet is shut off, and the data evaluated.

All the evaluated measurements are collected and listed on the test report. The test is considered passed if the test limit value of 0.65 ppm is not exceeded.

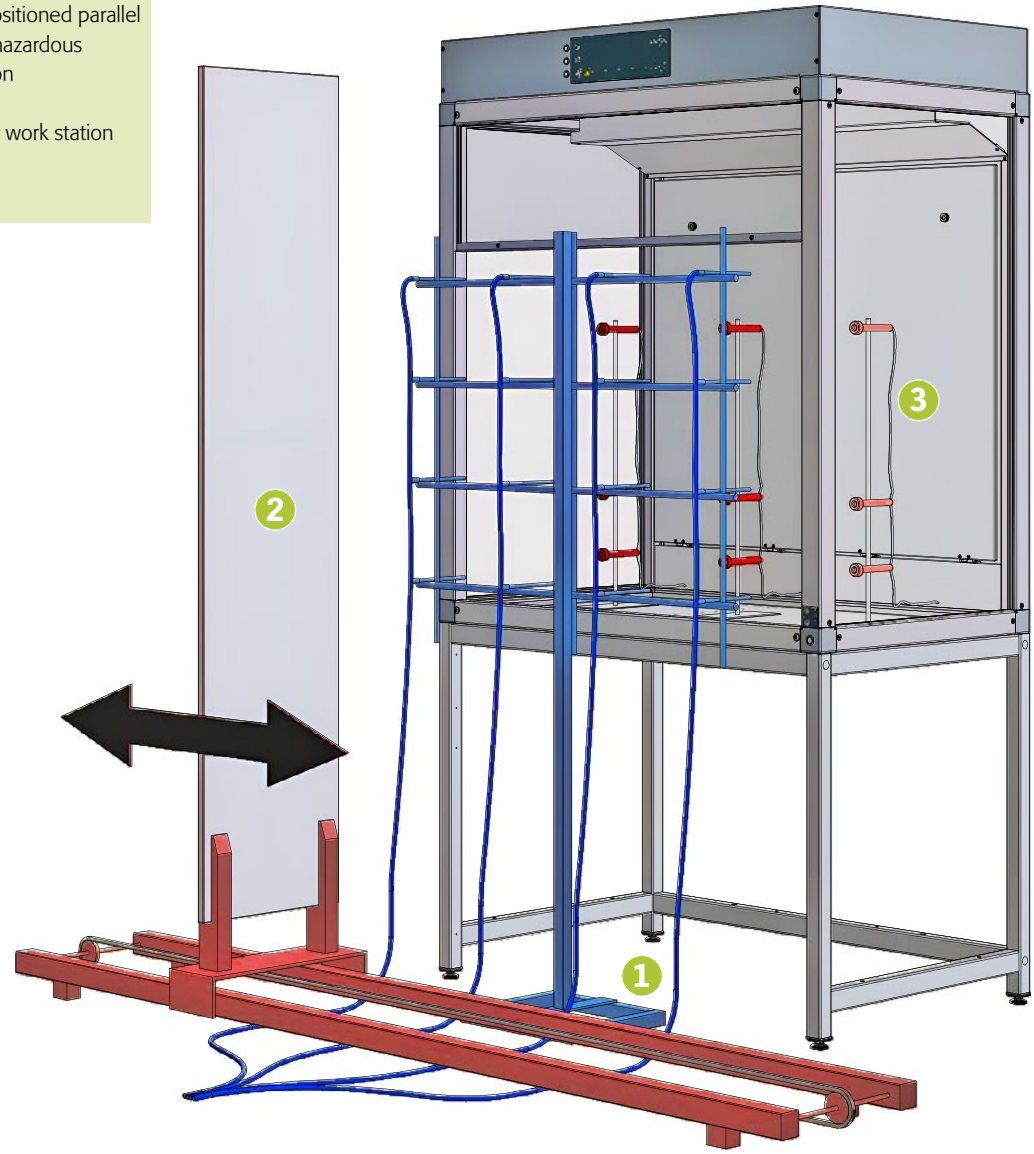
The results achieved in the tests underline the outstanding performance of the asecos hazardous material work stations.

CONCLUSION:

If the hazardous material work station is used properly, the resulting pollutant concentrations are far below the levels permitted by DIN 12924 Part 1, thus preventing the formation of explosive gas-air mixtures!

1. Measuring grid with 9 samplers
2. Moveable board positioned parallel to the front of the hazardous material work station
3. Hazardous material work station

A



B

C

GAP-LINE

The best possible protection for daily work with hazardous substances: Even more sustainable and comfortable GAP-LINE hazardous substance work stations from asecos

Many work processes require individual solutions for the handling of hazardous materials. The right product can be found easily with the optimised asecos GAP-LINE hazardous substance workstations.
These updates make the new asecos hazardous substance workstations even more efficient:

Optimised airflow
…due to significantly enlarged exhaust air nozzles, through which the hazardous substance vapours are sucked up. With the enlargement of the exhaust air spigot from 160 mm to 250 mm and the reduction to a single exhaust air spigot, the pressure loss is reduced by more than 50%, meaning the on-site fan can be smaller, less powerful and thus more energy-efficient.

Less is more
In the course of the energy optimisation of the GAP models, LEDs illuminate the work surface. Compared to the previously used fluorescent tubes, power consumption is significantly reduced and the brightness of the work surface is more than doubled at the same time (> 500 lux).

Improved ease of use
Thanks to the optimised design of the indicator lights and the head, the display is now easier to read. As soon as the appliance is switched on, a white indicator light signals that the appliance is ready for operation.

More safety through small changes
... is guaranteed by built-in digital pressure monitoring. The air volumes in the supply and exhaust air ducts are controlled by precise pressure measurement. Defined deviations from target values are indicated by a optical and acoustic signals. The asecos service app now makes it easy to check pressure loss values and air volumes. Manual intervention in the exhaust air duct is not necessary.

Convenient working
The larger work surfaces make working even more comfortable. The media supply can be integrated into the hazardous substance workstation as usual.

ECO hazardous substance workstation
In addition to the facelift of the asecos GAP-LINE, an ECO version of the hazardous substance workstation is now available: ECO-GAP features an internal height of 1,110 mm for high apparatus but is significantly more economical than comparable units because the height of the front opening is reduced to 830 mm by a transparent panel to optimise ventilation. The minimum volume flow is greatly reduced by the panel.

	Previous GAP.125.180	New GAP.140.180	New GAP.140.180.EC
Amount of air ducts	2	1	1
Diameter of air ducts	160 mm	250 mm	250 mm
Volumetric flow rate (minimum)	980 m³/h	980 m³/h	650 m³/h
Differential pressure	228 Pa (2x114 Pa)	116 Pa	50 Pa

GAP-LINE

Hazardous material work stations with fresh air curtain

1 Extraction air monitoring

- With optical and acoustic alarm
- With potential-free switching contact as standard, e.g. for controlling existing exhaust air units
- Potential-free alarm contact optional

2 Glare-free lighting

- Modern bright LED lamp, glare-free arrangement
- LED light 4000 K neutral white (min. 500 lux on the working surface)
- Lighting starts when the hazardous substance workstation is safe to operate and ready for use

3 Aluminium tubular frame design

- Robust, rigid design, low weight, low floor stress
- Anodised surface, chemically resistant
- Integrated on/off switch

4 Electrical sockets with earthing contact

- Splash-proof IP 54, integrated into the media duct as standard (min. 2)
- Additional sockets by request (sockets also possible without media duct)

5 Transparent side panes

- Optimum brightness in the hazardous material work station, transparent side panes made from 5 mm toughened safety glass
- Closed version also available as an option, special material boards coated in melamine resin

6 Deflector

- Easily dismantled for optimum cleaning
- Easy cleaning throughout the interior
- A transparent version of the rear wall and deflector is optionally available, ideal for placement in the middle of a room

7 Media duct

- Optional, for fitting a wide range of media supplies such as water, gas, compressed air etc.

8 Working surfaces

- Choose, according to need, from: special material board coated in melamine resin, 1.4301 stainless steel or technical ceramic (high resistance to many acids and alkalis)
- Also available without a working surface, ideal for mounting on existing working surfaces

9 Support frames

- Can be chosen for standing or sitting work
- Strong tubular frame design, material strength 4 mm, light grey powder-coated (similar to RAL 7035)
- Height can be set by means of adjustable feet, covers optionally available

10 Perfectly complemented with type 90 safety storage under bench cabinets

- Safely store and dispose of required hazardous materials directly at the point of use


90

GAP-LINE | width 90 cm

GAP.110.090

GAP.140.090.EC

OUR HAZARDOUS SAFETY STORAGE UNDER BENCH CABINETS

... can be found on the pages of the chapter **UB-LINE** in this catalogue.

Further information on these models from page 220

PLINTH VERSIONS

Complete depth of the work surface is usable as no media duct is necessary, media supplies and shockproof sockets are installed in the plinth, serial made from FP, optionally available in aluminium

DIFFERENT WORKING SURFACES

Choose, according to need, from: special material board coated in melamine resin, 1.4301 stainless-steel or technical ceramic

Basic model*	W x D x H (mm)	Nominal volume flow (m3/h)	Exhaust air spigot	Pressure drop in Pa	Order No.
GAP.110.090.060	900 x 600 x 1100	550	1	82	40563
GAP.140.090.060	900 x 600 x 1400	720	1	140	40581
GAP.110.090	900 x 750 x 1100	550	1	82	40564
GAP.140.090	900 x 750 x 1400	720	1	140	40582
GAP.140.090.EC	900 x 750 x 1400	550	1	82	41042

Package article based on	with the following components	Order No.
GAP.110.090.060		40563-901
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	
GAP.140.090.060		40581-901
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	
GAP.110.090		40564-901
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	
GAP.110.090		40564-902
	working surface incl. sink no. 9 (200 x 400 x 170 – L x W x H in mm) and 1 1/2" outlet (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	
GAP.140.090		40582-901
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	
GAP.140.090		40582-902
	working surface incl. sink no. 9 (200 x 400 x 170 – L x W x H in mm) and 1 1/2" outlet (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	

Hazardous material work station

Basic model*	Order No.
GAP.110.090.060	40563
GAP.140.090.060	40581
GAP.110.090	40564
GAP.140.090	40582
GAP.140.090.EC	41042

* basic model = without any further option, only for installation on existing working surfaces.

GAP.110.090.060

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32409
Working surface	brushed stainless steel	790 x 490	32826
Working surface	ceramic	790 x 490 x 8	32836
Working surface	panel melamine resin-coated RAL 7035	790 x 490 x 10	32064
Aluminium base	aluminium anodised		32853
Media duct with working surface with 2 sockets	aluminium / stainless steel		16478
Media duct with working surface with 2 sockets	aluminium / ceramic		16479
Support frame for seated activities	powder-coated steel RAL 7035	900 x 600 x 685	41053
Support frame for standing activities	powder-coated steel RAL 7035	900 x 600 x 865	41054
Support frame for standing activities with cover; for cabinet width 59 cm	steel powder-coated / panel melamine resin-coated RAL 7035	900 x 600 x 865	41070
	PVC		41046

GAP.140.090.060

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32892
Working surface	brushed stainless steel	790 x 490	32826
Working surface	ceramic	790 x 490 x 8	32836
Working surface	panel melamine resin-coated RAL 7035	790 x 490 x 10	32064
Aluminium base	aluminium anodised		32853
Media duct with working surface with 2 sockets	aluminium / stainless steel		16478
Media duct with working surface with 2 sockets	aluminium / ceramic		16479
Support frame for seated activities	powder-coated steel RAL 7035	900 x 600 x 685	41053
Support frame for standing activities	powder-coated steel RAL 7035	900 x 600 x 865	41054
Support frame for standing activities with cover; for cabinet width 59 cm	steel powder-coated / panel melamine resin-coated RAL 7035	900 x 600 x 865	41070

GAP.110.090

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32409
Working surface	brushed stainless steel	790 x 640 x 15	32830
Working surface	ceramic	790 x 640 x 8	32840
Working surface	panel melamine resin-coated RAL 7035	790 x 640 x 10	32822
Aluminium base	aluminium anodised		32853
Media duct with working surface with 2 sockets	aluminium / stainless steel		16334
Media duct with working surface with 2 sockets	aluminium / ceramic		16335
Support frame for seated activities	powder-coated steel RAL 7035	900 x 750 x 685	41055
Support frame for standing activities	powder-coated steel RAL 7035	900 x 750 x 865	38593
Support frame for standing activities with cover; for cabinet width 59 cm	steel powder-coated / panel melamine resin-coated RAL 7035	900 x 750 x 865	41071
	PVC		41046

GAP.140.090 / GAP.140.090.EC

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32409
Working surface	brushed stainless steel	790 x 640 x 15	32830
Working surface	ceramic	790 x 640 x 8	32840
Working surface	panel melamine resin-coated RAL 7035	790 x 640 x 10	32822
Aluminium base	aluminium anodised		32853
Media duct with working surface with 2 sockets	aluminium / stainless steel		16334
Media duct with working surface with 2 sockets	aluminium / ceramic		16335
Support frame for seated activities	powder-coated steel RAL 7035	900 x 750 x 685	41055
Support frame for standing activities	powder-coated steel RAL 7035	900 x 750 x 865	38593
Support frame for standing activities with cover; for cabinet width 59 cm	steel powder-coated / panel melamine resin-coated RAL 7035	900 x 750 x 865	41071
	PVC		41046

All models

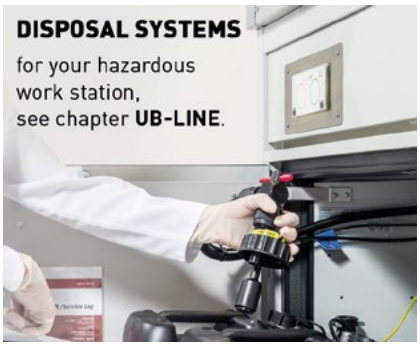
Accessories	Equipment	Information	Order No.
media supply	water with stop valve	integrated in media duct	25417
media supply	butane with stop valve	integrated in media duct	25418
media supply	compressed air with stop valve	integrated in media duct	25419
media supply	industrial compressed air outlet	integrated in media duct	24268
media supply	industrial compressed air outlet	integrated in base or media slot	32884
media supply	water with stop valve	integrated in base or media slot	32889
media supply	compressed air with stop valve	integrated in base or media slot	32885
media supply	butane with stop valve	integrated in base or media slot	32886
socket(s)	1 piece 400V, IP 44, up to 16A	integrated in media duct or media slot	32848
socket(s)	1 pair 230 V, IP54, up to 16A	integrated in media duct or media slot	32850
socket(s)	surface-mounted sockets 1 pair 230 V, IP44, up to 16A	integrated in base	32256
earthing link	as earthing pin	mounted in the profile	32851
electrical component	potential-free alarm contact with fitting plug		32846

PLEASE NOTE: For technical data and technical drawings of hazardous materials work stations see page 378

GAP-LINE | width 120 cm

GAP.110.120.060

GAP.140.120.EC



Basic model*	W x D x H (mm)	Nominal volume flow (m3/h)	Exhaust air spigot	Pressure drop in Pa	Order No.
GAP.110.120.060	1200 x 600 x 1100	550	1	60	40566
GAP.140.120.060	1200 x 600 x 1400	720	1	103	40586
GAP.110.120	1200 x 750 x 1100	550	1	60	40567
GAP.140.120	1200 x 750 x 1400	720	1	103	40587
GAP.140.120.EC	1200 x 750 x 1400	550	1	60	41043

Package article based on	with the following components	Order No.
GAP.110.120.060		40566-901
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	
GAP.140.120.060		40586-901
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	
GAP.110.120		40567-901
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	
GAP.110.120		40567-902
	aluminium base (aluminium anodised)	
	working surface incl. sink no. 9 (200 x 400 x 170 – L x W x H in mm) and 1 1/2" outlet (stainless steel brush-finished)	
	support frame for standing activities (powder-coated steel)	
GAP.140.120		40587-901
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	
GAP.140.120		40587-902
	aluminium base (aluminium anodised)	
	working surface incl. sink no. 9 (200 x 400 x 170 – L x W x H in mm) and 1 1/2" outlet (stainless steel brush-finished)	
	support frame for standing activities (powder-coated steel)	

Hazardous material work station

Basic model*	Order No.
GAP.110.120.060	40566
GAP.140.120.060	40586
GAP.110.120	40567
GAP.140.120	40587
GAP.140.120.EC	41043

* basic model = without any further option, only for installation on existing working surfaces.

GAP.110.120.060

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32890
Working surface	ceramic	1090 x 490 x 8	32837
Working surface	panel melamine resin-coated RAL 7035	1090 x 490 x 10	32819
Aluminium base	aluminium anodised		32854
Media duct with working surface with 2 sockets	aluminium / stainless steel		16153
Media duct with working surface with 2 sockets	aluminium / ceramic		16482
Support frame for seated activities	powder-coated steel RAL 7035	1200 x 600 x 685	41057
Support frame for standing activities	powder-coated steel RAL 7035	1200 x 600 x 865	41058
Support frame for standing activities with cover; for cabinet width 110 cm	sheet steel powder coated/melamin resin laminated RAL 7035	1200 x 600 x 865	41076
Support frame for standing activities with cover; for cabinet width 59 cm	sheet steel powder-coated / panel melamine resin-coated RAL 7035	1200 x 600 x 865	41073
	PVC		41046

GAP.140.120.060

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32890
Working surface	ceramic	1090 x 490 x 8	32837
Working surface	panel melamine resin-coated RAL 7035	1090 x 490 x 10	32819
Aluminium base	aluminium anodised		32854
Media duct with working surface with 2 sockets	aluminium / stainless steel		16153
Media duct with working surface with 2 sockets	aluminium / ceramic		16482
Support frame for seated activities	powder-coated steel RAL 7035	1200 x 600 x 685	41057
Support frame for standing activities	powder-coated steel RAL 7035	1200 x 600 x 865	41058
Support frame for standing activities with cover; for cabinet width 110 cm	sheet steel powder coated/melamin resin laminated RAL 7035	1200 x 600 x 865	41076
Support frame for standing activities with cover; for cabinet width 59 cm	sheet steel powder-coated / panel melamine resin-coated RAL 7035	1200 x 600 x 865	41073
	PVC		41046

GAP.110.120

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32890
Working surface	brushed stainless steel	1090 x 640	32831
Working surface	ceramic	1090 x 640 x 8	32841
Working surface	panel melamine resin-coated RAL 7035	1090 x 640 x 10	32823
Aluminium base	aluminium anodised		32854
Media duct with working surface with 2 sockets	aluminium / stainless steel		15938
Media duct with working surface with 2 sockets	aluminium / ceramic		15937
Support frame for seated activities	powder-coated steel RAL 7035	1200 x 750 x 685	41059
Support frame for standing activities	powder-coated steel RAL 7035	1200 x 750 x 865	38503
Support frame for standing activities with cover; for cabinet width 110 cm	steel powder-coated / panel melamine resin-coated RAL 7035	1200 x 750 x 865	41077
Support frame for standing activities with cover; for cabinet width 89 cm	steel powder-coated / panel melamine resin-coated RAL 7035	1200 x 750 x 865	41086
Support frame for standing activities with cover; for cabinet width 59 cm	sheet steel powder-coated / panel melamine resin-coated RAL 7035	1200 x 750 x 865	41074
	PVC		41046

GAP.140.120/GAP.140.120.EC

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32893
Working surface	brushed stainless steel	1090 x 640	32831
Working surface	ceramic	1090 x 640 x 8	32841
Working surface	panel melamine resin-coated RAL 7035	1090 x 640 x 10	32823
Aluminium base	aluminium anodised		32854
Media duct with working surface with 2 sockets	aluminium / stainless steel		15938
Media duct with working surface with 2 sockets	aluminium / ceramic		15937
Support frame for seated activities	powder-coated steel RAL 7035	1200 x 750 x 685	41059
Support frame for standing activities	powder-coated steel RAL 7035	1200 x 750 x 865	38503
Support frame for standing activities with cover; for cabinet width 110 cm	steel powder-coated / panel melamine resin-coated RAL 7035	1200 x 750 x 865	41077
Support frame for standing activities with cover; for cabinet width 89 cm	steel powder-coated / panel melamine resin-coated RAL 7035	1200 x 750 x 865	41086
Support frame for standing activities with cover; for cabinet width 59 cm	sheet steel powder-coated / panel melamine resin-coated RAL 7035	1200 x 750 x 865	41074
	PVC		41046

All models

Accessories	Equipment	Information	Order No.
media supply	water with stop valve	integrated in media duct	25417
media supply	butane with stop valve	integrated in media duct	25418
media supply	compressed air with stop valve	integrated in media duct	25419
media supply	industrial compressed air outlet	integrated in media duct	24268
media supply	industrial compressed air outlet	integrated in base or media slot	32884
media supply	water with stop valve	integrated in base or media slot	32889
media supply	compressed air with stop valve	integrated in base or media slot	32885
media supply	butane with stop valve	integrated in base or media slot	32886
socket(s)	1 piece 400V, IP 44, up to 16A	integrated in media duct or media slot	32848
socket(s)	1 pair 230 V, IP54, up to 16A	integrated in media duct or media slot	32850
socket(s)	surface-mounted sockets 1 pair 230 V, IP44, up to 16A	integrated in base	32256
earthing link	as earthing pin	mounted in the profile	32851
electrical component	potential-free alarm contact with fitting plug		32846

PLEASE NOTE: For technical data and technical drawings of hazardous materials work stations see page 378

GAP-LINE | width 150 cm

GAP.110.150

GAP.140.150

ARE YOU LOOKING FOR A SUITABLE HAZARDOUS MATERIALS WORKSTATION?

Our optimised online product configurator helps you, step by step, to find the suitable product.

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SUPPORT FRAMES

Height adjustable due to adjustable feet +/– 15 mm, optionally available for either standing or sitting work

LED LIGHTING

Equipped with environmentally friendly lighting with 4000 K neutral white. Optimum work due to min. 500 lux on the work surface.

Basic model*	W x D x H (mm)	Nominal volume flow (m3/h)	Exhaust air spigot	Pressure drop in Pa	Order No.
GAP.110.150	1500 x 750 x 1100	660	1	77	40570
GAP.110.150.060	1500 x 600 x 1100	660	1	60	40569
GAP.140.150	1500 x 750 x 1400	895	1	105	40592
GAP.140.150.060	1500 x 600 x 1400	895	1	105	40591
GAP.140.150.EC	1500 x 750 x 1400	660	1	60	41044

Package article based on	with the following components	Order No.
GAP.110.150.060		40569-901
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	
GAP.140.150.060		40591-901
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	
GAP.110.150		40570-901
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	
GAP.140.150		40592-901
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	

Hazardous material work station

Basic model*	Order No.
GAP.110.150	40570
GAP.110.150.060	40569
GAP.140.150	40592
GAP.140.150.060	40591
GAP.140.150.EC	41044

* basic model = without any further option, only for installation on existing working surfaces.

GAP.110.150.060

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32895
Working surface	brushed stainless steel	1390 x 490	32828
Working surface version - multi-part	ceramic	1390 x 490 x 8	32838
Working surface	panel melamine resin-coated RAL 7035	1390 x 490 x 10	32821
Aluminium base	aluminium anodised		32855
Media duct with working surface with 2 sockets	aluminium / stainless steel		16487
Media duct with working surface with 2 sockets	aluminium / ceramic		16488
Support frame for seated activities	powder-coated steel RAL 7035	1500 x 600 x 685	41061
Support frame for standing activities	powder-coated steel RAL 7035	1500 x 600 x 865	41062
Support frame for standing activities with cover; for cabinet width 140 cm	steel powder-coated / panel melamine resin-coated RAL 7035	1500 x 600 x 865	41092
	PVC		41046

GAP.140.150.060

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32895
Working surface	brushed stainless steel	1390 x 490	32828
Working surface version - multi-part	ceramic	1390 x 490 x 8	32838
Working surface	panel melamine resin-coated RAL 7035	1390 x 490 x 10	32821
Aluminium base	aluminium anodised		32855
Media duct with working surface with 2 sockets	aluminium / stainless steel		16487
Media duct with working surface with 2 sockets	aluminium / ceramic		16488
Support frame for seated activities	powder-coated steel RAL 7035	1500 x 600 x 685	41061
Support frame for standing activities	powder-coated steel RAL 7035	1500 x 600 x 865	41062
Support frame for standing activities with cover; for cabinet width 140 cm	steel powder-coated / panel melamine resin-coated RAL 7035	1500 x 600 x 865	41092
	PVC		41046

GAP.110.150

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32895
Working surface	brushed stainless steel	1390 x 640	32832
Working surface version - multi-part	ceramic	1390 x 640 x 8	32842
Working surface	panel melamine resin-coated RAL 7035	1390 x 640 x 10	32824
Aluminium base	aluminium anodised		32855
Media duct with working surface with 2 sockets	aluminium / stainless steel		15968
Media duct with working surface with 2 sockets	aluminium / ceramic		15967
Support frame for seated activities	powder-coated steel RAL 7035	1500 x 750 x 685	34040
Support frame for standing activities	powder-coated steel RAL 7035	1500 x 750 x 865	37199
Support frame for standing activities with cover; for cabinet width 110 cm	steel powder-coated / panel melamine resin-coated RAL 7035	1500 x 750 x 865	41088
Support frame for standing activities with cover; for cabinet width 140 cm	sheet steel powder-coated / panel melamine resin-coated RAL 7035	1500 x 750 x 865	41093

GAP.140.150/GAP.140.150.EC

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32895
Working surface	brushed stainless steel	1390 x 640	32832
Working surface version - multi-part	ceramic	1390 x 640 x 8	32842
Working surface	panel melamine resin-coated RAL 7035	1390 x 640 x 10	32824
Aluminium base	aluminium anodised		32855
Media duct with working surface with 2 sockets	aluminium / stainless steel		15968
Media duct with working surface with 2 sockets	aluminium / ceramic		15967
Support frame for seated activities	powder-coated steel RAL 7035	1500 x 750 x 685	34040
Support frame for standing activities	powder-coated steel RAL 7035	1500 x 750 x 865	37199
Support frame for standing activities with cover; for cabinet width 110 cm	steel powder-coated / panel melamine resin-coated RAL 7035	1500 x 750 x 865	41088
Support frame for standing activities with cover; for cabinet width 140 cm	sheet steel powder-coated / panel melamine resin-coated RAL 7035	1500 x 750 x 865	41093

All models

Accessories	Equipment	Information	Order No.
media supply	water with stop valve	integrated in media duct	25417
media supply	butane with stop valve	integrated in media duct	25418
media supply	compressed air with stop valve	integrated in media duct	25419
media supply	industrial compressed air outlet	integrated in media duct	24268
media supply	industrial compressed air outlet	integrated in base or media slot	32884
media supply	water with stop valve	integrated in base or media slot	32889
media supply	compressed air with stop valve	integrated in base or media slot	32885
media supply	butane with stop valve	integrated in base or media slot	32886
socket(s)	1 piece 400V, IP 44, up to 16A	integrated in media duct or media slot	32848
socket(s)	1 pair 230 V, IP54, up to 16A	integrated in media duct or media slot	32850
socket(s)	surface-mounted sockets 1 pair 230 V, IP44, up to 16A	integrated in base	32256
earthing link	as earthing pin	mounted in the profile	32851
electrical component	potential-free alarm contact with fitting plug		32846

PLEASE NOTE: For technical data and technical drawings of hazardous materials work stations see page 378

GAP-LINE | width 180 cm

GAP.110.180.060

GAP.140.180.EC

PLINTH VERSIONS
Complete depth of the work surface is usable as no media duct is necessary, media supplies and shockproof sockets are installed in the plinth, serial made from FP, optionally available in aluminium

OUR HAZARDOUS SAFETY STORAGE UNDER BENCH CABINETS

... can be found on the pages of the chapter **UB-LINE** in this catalogue.

Further information on these models from page 220

DIFFERENT WORKING SURFACES
Choose, according to need, from: special material board coated in melamine resin, 1.4301 stainless-steel or technical ceramic

Basic model*	W x D x H (mm)	Nominal volume flow (m3/h)	Exhaust air spigot	Pressure drop in Pa	Order No.
GAP.110.180.060	1800 x 600 x 1100	770	1	70	40572
GAP.140.180.060	1800 x 600 x 1400	1070	1	135	40594
GAP.110.180	1800 x 750 x 1100	770	1	70	40573
GAP.140.180	1800 x 750 x 1400	1070	1	135	40595
GAP.140.180.EC	1800 x 750 x 1400	770	1	70	41045

Package article based on	with the following components	Order No.
GAP.110.180.060		40572-901
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	
GAP.140.180.060		40594-901
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
	support frame for standing activities (powder-coated steel)	
GAP.110.180		40573-901
	support frame for standing activities (steel powder-coated)	
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
GAP.110.180		40573-902
	support frame for standing activities (steel powder-coated)	
	aluminium base (aluminium anodised)	
	working surface incl. sink no. 9 (200 x 400 x 170 – L x W x H in mm) and 1 1/2" outlet (stainless steel brush-finished)	
GAP.140.180		40595-901
	support frame for standing activities (steel powder-coated)	
	working surface (stainless steel brush-finished)	
	aluminium base (aluminium anodised)	
GAP.140.180		40595-902
	support frame for standing activities (steel powder-coated)	
	aluminium base (aluminium anodised)	
	working surface incl. sink no. 9 (200 x 400 x 170 – L x W x H in mm) and 1 1/2" outlet (stainless steel brush-finished)	

Hazardous material work station

Basic model*	Order No.
GAP.110.180	40573
GAP.110.180.060	40572
GAP.140.180	40595
GAP.140.180.060	40594
GAP.140.180.EC	41045

* basic model = without any further option, only for installation on existing working surfaces.

GAP.110.180.060

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32891
Working surface	brushed stainless steel	1690 x 490	32829
Working surface version - multi-part	ceramic	1690 x 490 x 8	32839
Working surface	panel melamine resin-coated RAL 7035	1690 x 490 x 10	32820
Aluminium base	aluminium anodised		32856
Media duct with working surface incl. 4 sockets	aluminium / stainless steel		16493
Media duct with working surface incl. 4 sockets	aluminium / ceramic		16494
Support frame for seated activities	powder-coated steel RAL 7035	1800 x 600 x 685	41064
Support frame for standing activities	powder-coated steel RAL 7035	1800 x 600 x 865	41065
Support frame for standing activities with cover; for cabinet width 140 cm	steel powder-coated / panel melamine resin-coated RAL 7035	1800 x 600 x 865	41095
	PVC		41046

GAP.140.180.060

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32891
Working surface	brushed stainless steel	1690 x 490	32829
Working surface version - multi-part	ceramic	1690 x 490 x 8	32839
Working surface	panel melamine resin-coated RAL 7035	1690 x 490 x 10	32820
Aluminium base	aluminium anodised		32856
Media duct with working surface incl. 4 sockets	aluminium / stainless steel		16493
Media duct with working surface incl. 4 sockets	aluminium / ceramic		16494
Support frame for seated activities	powder-coated steel RAL 7035	1800 x 600 x 685	41064
Support frame for standing activities	powder-coated steel RAL 7035	1800 x 600 x 865	41065
Support frame for standing activities with cover; for cabinet width 140 cm	steel powder-coated / panel melamine resin-coated RAL 7035	1800 x 600 x 865	41095
	PVC		41046

GAP.110.180

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32891
Working surface	brushed stainless steel	1690 x 640	32833
Working surface version - multi-part	ceramic	1690 x 640 x 8	32843
Working surface	panel melamine resin-coated RAL 7035	1690 x 640 x 10	32825
Aluminium base	aluminium anodised		32856
Media duct with working surface incl. 4 sockets	aluminium / stainless steel		15974
Media duct with working surface incl. 4 sockets	aluminium / ceramic		15973
Support frame for seated activities	powder-coated steel RAL 7035	1800 x 750 x 685	41066
Support frame for standing activities	powder-coated steel RAL 7035	1800 x 750 x 865	27243
Support frame for standing activities with cover; for 1100 mm wide under bench cabinet centrally positioned	steel powder-coated / panel melamine resin-coated RAL 7035	1800 x 750 x 865	36123
Support frame for standing activities with cover; for cabinet width 140 cm	steel powder-coated / panel melamine resin-coated RAL 7035	1800 x 750 x 865	41096
Support frame for standing activities with cover; for 1700 mm wide under bench cabinet	steel powder-coated / panel melamine resin-coated RAL 7035	1800 x 750 x 865	41099
	PVC		41046

GAP.140.180/GAP.140.180.EC

Interior equipment	Material	W x D x H (mm)	Order No.
Rear wall; transparent	PMMA (acrylic glass)		32891
Working surface	brushed stainless steel	1690 x 640	32833
Working surface version - multi-part	ceramic	1690 x 640 x 8	32843
Working surface	panel melamine resin-coated RAL 7035	1690 x 640 x 10	32825
Aluminium base	aluminium anodised		32856
Media duct with working surface incl. 4 sockets	aluminium / stainless steel		15974
Media duct with working surface incl. 4 sockets	aluminium / ceramic		15973
Support frame for seated activities	powder-coated steel RAL 7035	1800 x 750 x 685	41066
Support frame for standing activities	powder-coated steel RAL 7035	1800 x 750 x 865	27243
Support frame for standing activities with cover; for 1100 mm wide under bench cabinet centrally positioned	steel powder-coated / panel melamine resin-coated RAL 7035	1800 x 750 x 865	36123
Support frame for standing activities with cover; for cabinet width 140 cm	steel powder-coated / panel melamine resin-coated RAL 7035	1800 x 750 x 865	41096
Support frame for standing activities with cover; for 1700 mm wide under bench cabinet	steel powder-coated / panel melamine resin-coated RAL 7035	1800 x 750 x 865	41099
	PVC		41046

All models

Accessories	Equipment	Information	Order No.
media supply	water with stop valve	integrated in media duct	25417
media supply	butane with stop valve	integrated in media duct	25418
media supply	compressed air with stop valve	integrated in media duct	25419
media supply	industrial compressed air outlet	integrated in media duct	24268
media supply	industrial compressed air outlet	integrated in base or media slot	32884
media supply	water with stop valve	integrated in base or media slot	32889
media supply	compressed air with stop valve	integrated in base or media slot	32885
media supply	butane with stop valve	integrated in base or media slot	32886
socket(s)	1 piece 400V, IP 44, up to 16A	integrated in media duct or media slot	32848
socket(s)	1 pair 230 V, IP54, up to 16A	integrated in media duct or media slot	32850
socket(s)	surface-mounted sockets 1 pair 230 V, IP44, up to 16A	integrated in base	32256
earthing link	as earthing pin	mounted in the profile	32851
electrical component	potential-free alarm contact with fitting plug		32846

PLEASE NOTE: For technical data and technical drawings of hazardous materials work stations see page 378

GAP-LINE | Technical data

Width 90 cm

Technical data	GAP.110.090.060	GAP.140.090.060	GAP.110.090	GAP.140.090	GAP.140.090.EC
External dimensions (mm)					
Height (external)	1100	1400	1100	1400	1400
Height with support frame for sitting work	1785	2085	1785	2085	2085
Height with support frame for standing work	1965	2265	1965	2265	2265
Width (external)	900	900	900	900	900
Depth (external)	600	600	750	750	750
Internal dimensions (mm)					
Clear height	810	1110	810	1110	1110
Width (internal)	865	865	865	865	865
Depth (internal)	500	500	650	650	650
Usable work surface (mm)					
Width usable work surface	790	790	790	790	790
Depth usable work surface with media duct	380	380	530	530	530
Depth usable work surface	490	490	640	640	640
Max. charge of the working surface	3000 N/m²	3000 N/m²	3000 N/m²	3000 N/m²	3000 N/m²
Work height (mm)					
Work height sitting	720	720	720	720	720
Work height standing	900	900	900	900	900
Weight (kg)					
Weight	60.70	70.70	66.70	76.70	78.70
Further information					
Point load per support	222 N	250 N	257 N	287 N	287 N
Amount of air ducts	1 piece	1 piece	1 piece	1 piece	1 piece
Nominal volume flow	550 m³/h	720 m³/h	550 m³/h	720 m³/h	550 m³/h
Differential pressure per air duct	82 Pa	140 Pa	82 Pa	140 Pa	82 Pa
Noise level (approx.)	32.0 dB	32.0 dB	32.0 dB	32.0 dB	32.0 dB
Frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Power consump. in operation	70 W	70 W	70 W	70 W	70 W
Max. current consumption	0.3 A	0.3 A	0.3 A	0.3 A	0.3 A
Nominal voltage	230 V	230 V	230 V	230 V	230 V

Width 120 cm

Technical data	GAP.110.120.060	GAP.140.120.060	GAP.110.120	GAP.140.120	GAP.140.120.EC
External dimensions (mm)					
Height (external)	1100	1400	1100	1400	1400
Height with support frame for sitting work	1785	2085	1785	2085	2085
Height with support frame for standing work	1965	2265	1965	2265	2265
Width (external)	1200	1200	1200	1200	1200
Depth (external)	600	600	750	750	750
Internal dimensions (mm)					
Clear height	810	1110	810	1110	1110
Width (internal)	1165	1165	1165	1165	1165
Depth (internal)	500	500	650	650	650
Usable work surface (mm)					
Width usable work surface	1090	1090	1090	1090	1090
Depth usable work surface with media duct	380	380	530	530	530
Depth usable work surface	490	490	640	640	640
Max. charge of the working surface	3000 N/m²	3000 N/m²	3000 N/m²	3000 N/m²	3000 N/m²
Work height (mm)					
Work height sitting	720	720	720	720	720
Work height standing	900	900	900	900	900
Weight (kg)					
Weight	69.70	80.70	75.70	86.70	89.70
Further information					
Point load per support	260 N	290 N	295 N	325 N	325 N
Amount of air ducts	1 piece	1 piece	1 piece	1 piece	1 piece
Nominal volume flow	550 m³/h	720 m³/h	550 m³/h	720 m³/h	550 m³/h
Differential pressure per air duct	60 Pa	103 Pa	60 Pa	103 Pa	60 Pa
Noise level (approx.)	32.0 dB	32.0 dB	32.0 dB	32.0 dB	32.0 dB
Frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Power consump. in operation	70 W	70 W	70 W	70 W	70 W
Max. current consumption	0.3 A	0.3 A	0.3 A	0.3 A	0.3 A
Nominal voltage	230 V	230 V	230 V	230 V	230 V

Width 150 cm

Technical data	GAP.110.150.060	GAP.140.150.060	GAP.110.150	GAP.140.150	GAP.140.150.EC
External dimensions (mm)					
Height (external)	1100	1400	1100	1400	1400
Height with support frame for sitting work	1785	2085	1785	2085	2085
Height with support frame for standing work	1965	2265	1965	2265	2265
Width (external)	1500	1500	1500	1500	1500
Depth (external)	600	600	750	750	750
Internal dimensions (mm)					
Clear height	810	1110	810	1110	1110
Width (internal)	1465	1465	1465	1465	1465
Depth (internal)	500	500	650	650	650
Usable work surface (mm)					
Width usable work surface	1390	1390	1390	1390	1390
Depth usable work surface with media duct	380	380	530	530	530
Depth usable work surface	490	490	640	640	640
Max. charge of the working surface	3000 N/m²	3000 N/m²	3000 N/m²	3000 N/m²	3000 N/m²
Work height (mm)					
Work height sitting	720	720	720	720	720
Work height standing	900	900	900	900	900
Weight (kg)					
Weight	77.80	90.80	84.80	97.80	101.80
Further information					
Point load per support	298 N	328 N	336 N	363 N	363 N
Amount of air ducts	1 piece	1 piece	1 piece	1 piece	1 piece
Nominal volume flow	660 m³/h	895 m³/h	660 m³/h	895 m³/h	660 m³/h
Differential pressure per air duct	60 Pa	105 Pa	77 Pa	105 Pa	60 Pa
Noise level (approx.)	36.0 dB	32.0 dB	36.0 dB	32.0 dB	32.0 dB
Frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Power consump. in operation	70 W	70 W	70 W	70 W	70 W
Max. current consumption	0.3 A	0.3 A	0.3 A	0.3 A	0.3 A
Nominal voltage	230 V	230 V	230 V	230 V	230 V

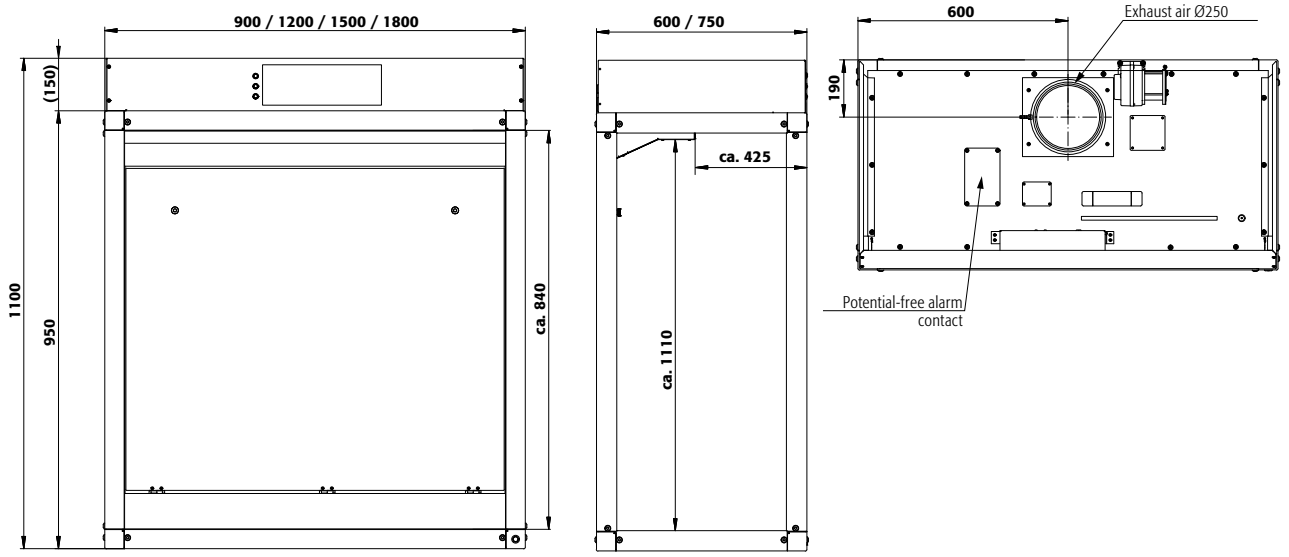
Width 180 cm

Technical data	GAP.110.180.060	GAP.140.180.060	GAP.110.180	GAP.140.180	GAP.140.180.EC
External dimensions (mm)					
Height (external)	1100	1400	1100	1400	1400
Height with support frame for sitting work	1785	2085	1785	2085	2085
Height with support frame for standing work	1965	2265	1965	2265	2265
Width (external)	1800	1800	1800	1800	1800
Depth (external)	600	600	750	750	750
Internal dimensions (mm)					
Clear height	810	1110	810	1110	1110
Width (internal)	1765	1765	1765	1765	1765
Depth (internal)	500	500	650	650	650
Usable work surface (mm)					
Width usable work surface	1690	1690	1690	1690	1690
Depth usable work surface with media duct	380	380	530	530	530
Depth usable work surface	490	490	640	640	640
Max. charge of the working surface	3000 N/m²	3000 N/m²	3000 N/m²	3000 N/m²	3000 N/m²
Work height (mm)					
Work height sitting	720	720	720	720	720
Work height standing	900	900	900	900	900
Weight (kg)					
Weight	85.80	99.80	93.80	107.80	110.80
Further information					
Point load per support	336 N	366 N	371 N	401 N	401 N
Amount of air ducts	1 piece	1 piece	1 piece	1 piece	1 piece
Nominal volume flow	770 m³/h	1070 m³/h	770 m³/h	1070 m³/h	770 m³/h
Differential pressure per air duct	70 Pa	135 Pa	70 Pa	135 Pa	70 Pa
Noise level (approx.)	36.0 dB	36.0 dB	36.0 dB	36.0 dB	36.0 dB
Frequency	50 Hz	50 Hz	50 Hz	50 Hz	50 Hz
Power consump. in operation	100 W	100 W	100 W	100 W	100 W
Max. current consumption	0.4 A	0.4 A	0.4 A	0.4 A	0.4 A
Nominal voltage	230 V	230 V	230 V	230 V	230 V

GAP-LINE | Technical data

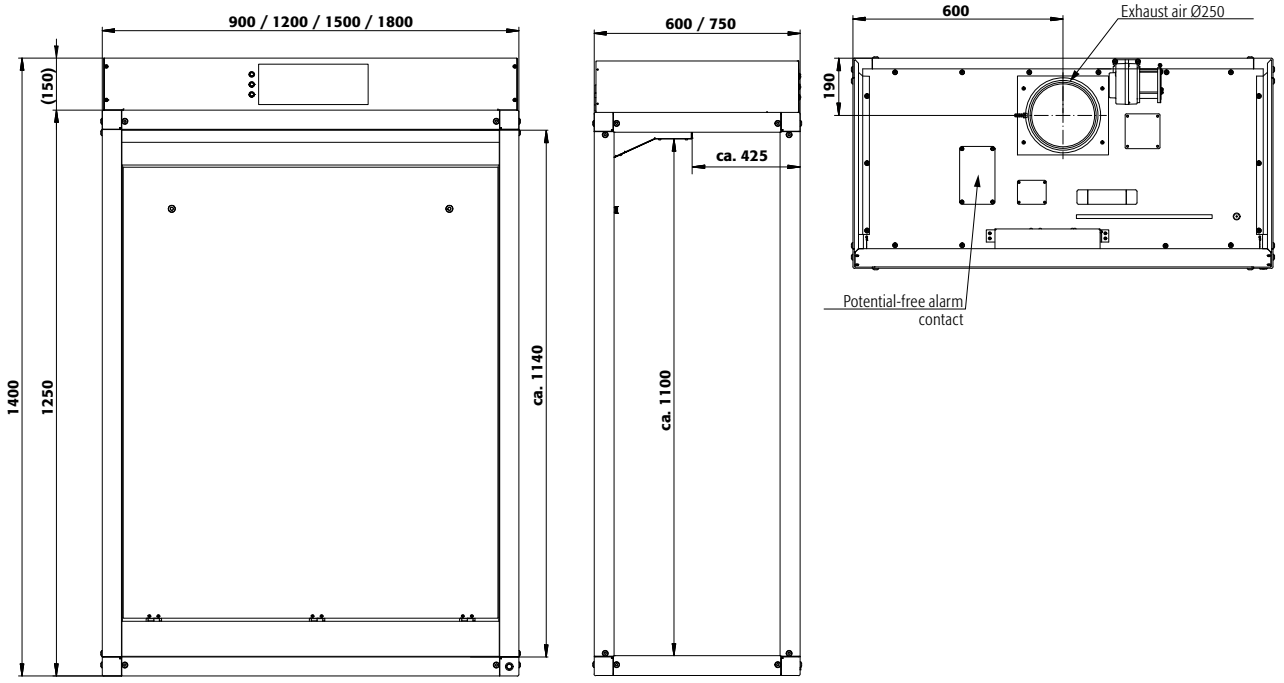
Hazardous materials work stations – height 1100 mm

Front view	Side view	Top view



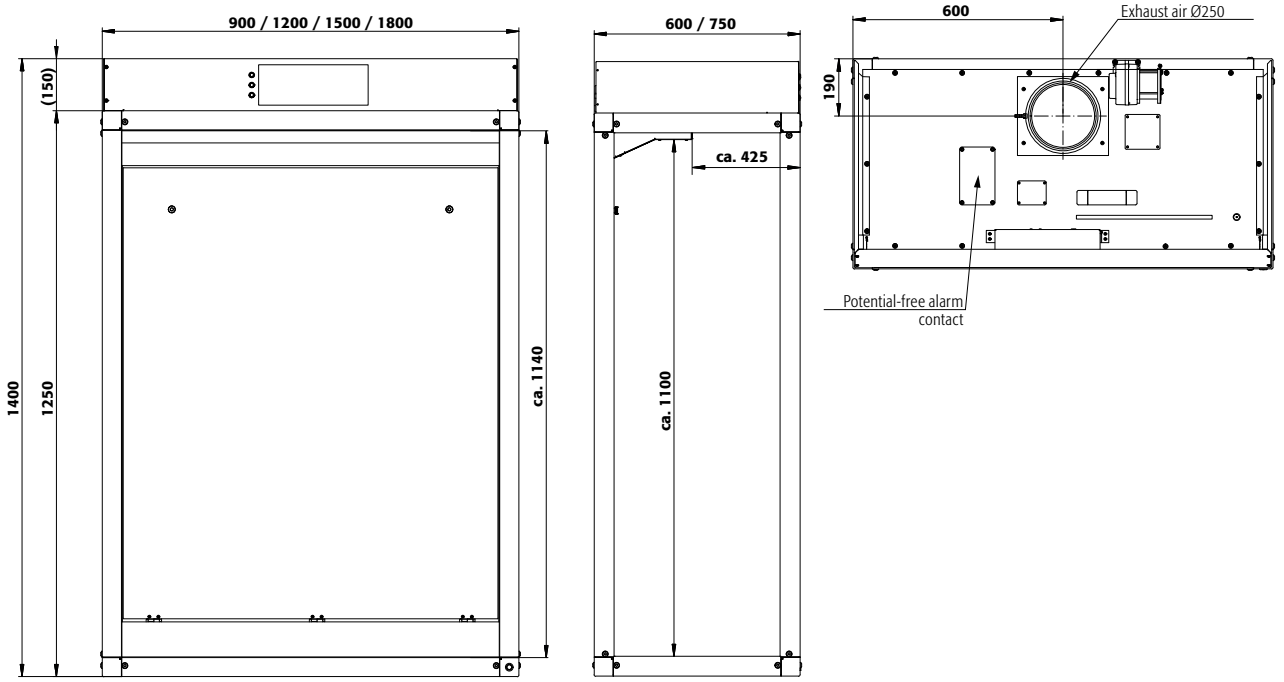
Hazardous materials work stations – height 1400 mm

Front view	Side view	Top view



Hazardous materials work stations – ECO-LINE

Front view	Side view	Top view



GAP-LINE

GAP-LINE | Weighing work stations

GAP.140.120.WA

Weighing work stations with testing of the air equipment according to EN 14175-3 (5.4.4)

Function / construction:

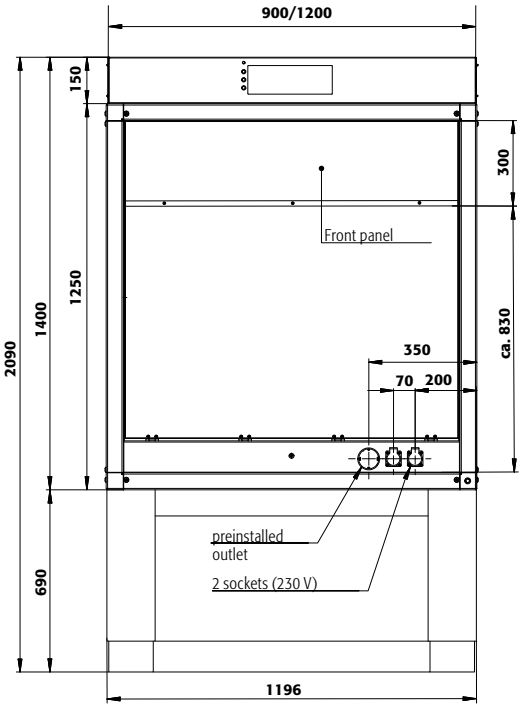
- Required occupational exposure limits are maintained
- Avoidance of dangerous explosive atmosphere
- Testing of the air equipment according to EN 14175 Part 3 (5.4.4)
- Optimised for technical ventilation - particularly economical
- Savings of >20% of the exhaust air volume compared to similar units
- Height of engagement 830 mm, front panel PMMA (transparent acrylic glass)
- Robust construction made of chemically resistant, anodised aluminium profiles
- Weighed materials are not scattered by the fresh air curtain at the front
- Vibration-free facility for mounting the analytical scales on a granite block decoupled from the hazardous material work station
- Usable for analytical scales with a measuring range of up to 0,00001 g
- Highly effective capturing of hazardous materials inside the work station through special fresh air curtain technology
- Prepared for connection to the on-site exhaust air system and for electrical supply (230 V/50 Hz)

Standard equipment

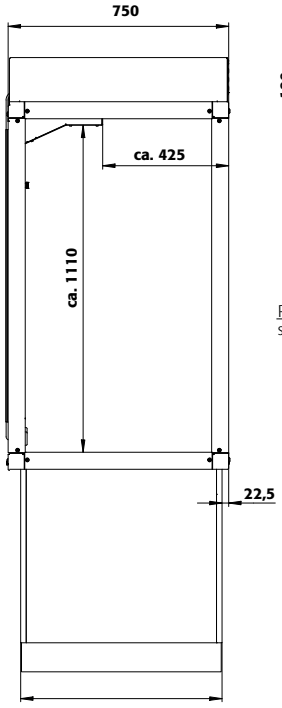
- Monitoring electronics incl. potential-free switching contact, e.g. for controlling on-site exhaust air system
- Workplace light
- Fold-away deflector
- Melamine resin coated rear wall
- Electrical connection socket (230 V) on the roof
- Preinstalled empty socket incl. empty conduit for data cable
- 2 sockets (230 V / 50 Hz)
- Transparent side walls
- Work surface made of brushed stainless steel
- Support frame for sitting work with decoupled granite block, cutout 400 x 400 mm

Model	with the following components	Order No.
GAP.140.090.WA		40584-901
	support frame as weighing rack with granite block for seated activities (panel melamine resin-coated)	
	electrical component preinstalled outlet with cable duct integrated in media duct or media slot	
	working surface with cutout 400x400mm (stainless steel brush-finished)	
	socket(s) 1 pair 230 V, IP54, up to 16A integrated in media duct or media slot	
	aluminium base (aluminium anodised)	
GAP.140.120.WA		40589-901
	support frame as weighing rack with granite block for seated activities (panel melamine resin-coated)	
	electrical component preinstalled outlet with cable duct integrated in media duct or media slot	
	working surface with cutout 400x400mm (stainless steel brush-finished)	
	socket(s) 1 pair 230 V, IP54, up to 16A integrated in media duct or media slot	
	aluminium base (aluminium anodised)	

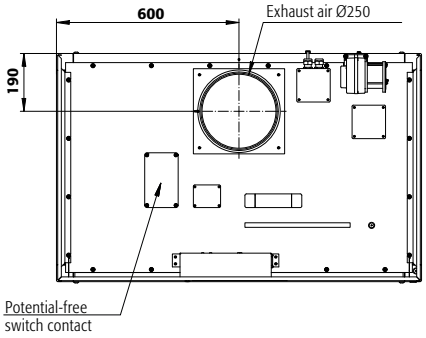
Front view



Side view



Top view



Technical data	GAP.140.090.WA	GAP.140.120.WA
External dimensions (mm)		
Height (external)	1400	1400
Height with support frame for sitting work	2085	2090
Height with support frame for standing work	2265.00	2265.00
Width (external)	900	1200
Depth (external)	750	750
Internal dimensions (mm)		
Clear height	1110	1110
Width (internal)	865	1165
Depth (internal)	650	650
Usable work surface (mm)		
Width usable work surface	790	1090
Depth usable work surface with media duct	530	530
Depth usable work surface	640	640
Max. charge of the working surface	3000 N/m²	3000 N/m²
Work height (mm)		
Work height sitting	720	720
Work height standing	900	900
Weight (kg)		
Weight	76.70	86.70
Further information		
Point load per support	287 N	325 N
Amount of air ducts	1 piece	1 piece
Nominal volume flow	550 m³/h	550 m³/h
Differential pressure per air duct	82 Pa	60 Pa
Noise level (approx.)	32.0 dB	32.0 dB
Frequency	50 Hz	50 Hz
Power consump. in operation	70 W	70 W
Max. current consumption	0.3 A	0.3 A
Nominal voltage	230 V	230 V

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