Cyanoacrylate fuming chamber

for visualising latent fingerprints, footprints and handprints on smooth, non-absorbent surfaces

Cyanoacrylate fuming chamber VCA

Operation via touch panel and air purification by air circulation cleaner or activated carbon. Now the fuming processes can be run in automatic operation or it can be controlled manually as usual due to the touch panel and its simple handling. This is freely selectable. Furthermore, the touch panel has a multilingual user interface.

The extended safety functions, such as the automatic door interlocking, ensure your safety and health from the beginning of the fuming process until the end of the air cleaning process. It is not necessary to connect the chamber to an external air cleaning system, because of its independent air cleaning system. Alternatively, the air purification can be performed by using activated carbon.

The display indicates the time for refilling the water tanks and replacing the cyano filter block automatically. The contrast of developed pictures of fingerprints with cyanoacrylate can be improved by using colouring or luminescent reagents. During evaporation with cyano powder, such as Lumicyano, a fluorescent result can be directly achieved while evaporating.

Technical specifications:

Cabinet	made of polypropylene, front door is made of frameless safety glass, hanging rods are made of stainless steel
Fuming temperatures	130°C or 230°C
Connected load	230V / 50Hz

Art. No.	Description (WxDxH)	Unit
51992	Cyanoacrylate fuming chamber VCA 200L with touch panel, glass on 3 sides external dimensions: 550 x 850 x 1960mm internal dimensions: 500 x 400 x 1000mm	1 unit
47619	Cyanoacrylate fuming chamber VCA 300L with touch panel external dimensions: 900 x 600 x 1900mm internal dimensions: 580 x 410 x 1250mm	1 unit
49086	Cyanoacrylate fuming chamber VCA 900L with touch panel external dimensions: 1320 x 810 x 2140mm internal dimensions: 1000 x 615 x 1500mm	1 unit
48846	Cyanoacrylate fuming chamber VCA 1820L with touch panel external dimensions: 1540 x 840 x 1980mm internal dimensions: 1400 x 650 x 2000mm	1 unit

Other dimensions are possible!

Additional equipment

Art. No.	Description	Unit
50637	Configurated parameters for vaporisation 230°C with humidity 90%	1 unit
54823	UVC light unit for surface and air cleaning	1 unit
53660	UVC air cleaner, including device installation	1 unit
54018	UVC lamp AR300, including device installation	1 unit
53715	UVC lamp AR400, including device installation	1 unit
53725	UVC lamp AR810, including device installation	1 unit

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Cyanoacrylate fuming chamber VCA 30L

In the laboratory evaporisation of small items and items containing DNA relevant evidence is possible.

Short evaporisation and air cleaning time due to its small, smooth and quick to clean interior.

The VCA 30L has a touch panel with multilingual user interface, electrical door interlocking and lighting.

Manual and automatic operation is freely selectable.

The integrated air purification is made by activated carbon.

Technical specifications:

Cabinet	external dimensions 465 x 300 x 580mm (WxDxH)
	made of polypropylene, front door is made of frameless safety glass
Internal dimensions	359 x 249 x 309mm (WxDxH), 30L
Connected load	230V / 50Hz, 240W

Art. No.	Description	Unit
54509	Cyanoacrylate fuming chamber VCA 30L	1 unit

Cyanoacrylate fuming chamber VCK 30L in a wheeled case

At the crime scene or in a vehicle by using a 12V connection (cigarette lighter) evaporisation of small items and items containing DNA relevant evidence is possible. The VCK 30L has a touch panel with multilingual user interface, electrical door interlocking and lighting. Manual and automatic operation is freely selectable. The integrated air purification is made by activated carbon.

Technical specifications:

Cabinet	external dimensions 510 x 385 x 610 mm (WxDxH)
	made of polypropylene, front door is made of safety glass
	hanging rods are made of stainless steel
Internal dimensions	370 x 260 x 320 mm (WxDxH), 30L
Connected load	230V / 50Hz, 240W and 12V for car connection
Weight	approx. 26kg

Art. No.	Description	Unit
50709	Cyanoacrylate fuming chamber VCK 30L	1 unit

Vacuum cyanoacrylate fuming chamber VCV

Operation via touch panel and air purification by activated carbon.

For visualising evidence on surfaces which are difficult to access for example large-scale, folded items containing evidence, the insides of plastic bags, plastic wrappings with items contained in it, as well as on adhesive tapes and on both sides of aluminium foils

Technical specifications:

Cabinet	made of PVC
Vacuum	final vacuum up to -950mbar
Connected load	230V / 50Hz, 600W

Art. No.	Description (WxDxH)	Unit
54696	Vacuum cyanoacrylate fuming chamber VCV 57L external dimensions: 820 x 565 x 840mm	1 unit
54868	Vacuum cyanoacrylate fuming chamber VCV 141L external dimensions: 820 x 1355 x 840mm	1 unit

Other dimensions are possible!

Process assurance hussa for fuming chambers

Test strips for process assurance during evaporisation of cyanacrylate

Art. No.	Description		Unit
54005	Test strips for process assurance	50 units	1 package
54846	Test strips for process assurance	250 units	1 package

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Spare parts and accessories/equipment for fuming chambers

Art. No.	Description		Unit
48934	Filter set for air cleaner consisting of filter block and sealing ring		1 kit
47488	Plastic clips black, width of clip = 10mm	10 units	1 package
47623	Metal clips, black width of clip = 7mm	10 units	1 package
50710	Dish for cyanoacrylate made of tinplate, 45 x 8mm (DxH) only suitable for VCA/VCK 30L		1 unit
	for a quantity of	50	unit
	for a quantity of	250	unit
47621	Dish for cyanoacrylate made of tinplate, 75 x 10mm (DxH)		1 unit
	for a quantity of	50	unit
	for a quantity of	500	unit
	for a quantity of	1000	unit
47632	Silicone separating agent, spray	400ml	1 can

Recommended operating material for fuming chambers

Art. No.	Description		Unit
47624	Cyanoacrylate Super Glue	10g	1 bottle
47625	Cyanoacrylate Super Glue	50g	1 bottle
47626	Cyanoacrylate Super Glue	500g	1 bottle
54904	Cyanacrylate Bondan SE06	20g	1 bottle
52004	Sicomet 40	20g	1 bottle
48984	Sicomet 77	50g	1 bottle
53535	Lumicyano powder, with measuring spoon	5g	1 jar
53536	Lumicyano solution	20g	1 bottle
53534	Lumicyano kit, 1g powder, 20g solution, with measuring spoon		1 kit
51779	PECA Regular [1]	20g	1 jar
51780	PECA Fluor Extra [1]	20g	1 jar
51737	PECA Multiband [1]	20g	1 jar

[1] Sale only within Germany

Cleaning agents

DNA-EX: removes DNA and RNA contaminations from surfaces, with light colour indicator.

Voigtländer cleaning towelettes and cyanoacrylate cleaner: is used to clean surfaces made of glass and plastic, particularly suitable for removing traces or residues of cyanoacrylate

Bylasolv cyanoacrylate cleaner: is used to dissolve even hardened drops of cyanoacrylate adhesives and removes cyanoacrylate residues in fuming chambers.

Cleaning sponge for glass panes: easy and quick removal of cyano veil on surfaces made of glass and stainless steel.

Cleaner for plastics: antistatic, is used to clean the equipment on the outside.

Art. No.	Description		Unit
52732	DNA-ExitusPlus, AppliChem	500ml	1 bottle
52336	DNA-ExitusPlus, refill bottle	1L	1 bottle
47629	Cleaning wipes Voigtländer Turbo, humid, for the removal of cyanoacrylate residues	90 wipes	1 box
47630	Cyanoacrylate cleaner, acetone-based	500ml	1 bottle
47650	Bylasolv cyanoacrylate cleaner 5606	500ml	1 bottle
55049	Cleaning sponge for glass panes	6 units	1 package
47631	Cleaner for plastics	250ml	1 bottle

47624   47625   47626

52004   48984   53534

Peca

52732   52336   47629

47630   47650   47631

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Climate cabinet

for developing fingerprints on items containing evidence which are pre-treated with ninhydrin, DFO or indandione/ zinc.

Technical specifications:

Cabinet	external dimensions 700 x 750 x 1750mm (WxDxH) made of stainless steel
Internal dimensions	500 x 500 x 1500mm (WxDxH)
Door	glass, anti condensing disc, lockable
Temperature range	+5°C up to +110°C continuously adjustable
Relative humidity	40 – 80%
Air filter	activated carbon or connection to an exhaust air unit
Decontamination	UVC lamp, integrated
Connected load	230V / 50Hz, 1.2kW
Weight	160kg

Produktionsstandort DEUTSCHLAND

Art. No.	Description		Unit
51293	Climate cabinet for Ninhydrin and DFO treatment		1 unit
52324	Climate cabinet for Ninhydrin, DFO and Indandione treatment		1 unit

Other dimensions are possible!

Heat contact press for treatment of indandione zinc process

For fluorescent visualisation of latent fingerprints on absorbent surfaces after the application with Indandione zinc solutions.
The development process lasts only 10 seconds and the latent evidence can directly be examined under UV light (green 530-550nm) with camera filter orange.
The wetting of evidence can occur through spraying or immersing.
Writing materials are only solvated, if any, to a very small extend. Items containing evidence, which have been treated with the Indandione zinc process, can be retreated with Ninhydrin anytime.

Technical specifications:

Dimensions of plate	400 x 500mm (LxW)
Dimensions	440 x 750 x 410mm (WxDxH)
Temperature setting	up to 220°C digital adjustable
Time setting	from 1 to 999 seconds, with acoustic signal
Connected load	230V / 50Hz, 1.8kW
Weight	approx. 40kg

Art. No.	Description		Unit
53890	Heat contact press		1 unit

Other dimensions are possible!

Recommended equipment

Art. No.	Description			Unit
51718	Indandione-Zinc, solution based on Petroleum ether	1L	1 bottle	
50666	HFE 7100, solution	3L	1 jerry can	

51718   50666

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Drying cabinet for preservation of evidence

for a free of smell and humidity controlled drying process, as well as for preventing a fungal attack and mildew on items containing evidence. Evidence does not need to be touched anymore to check the degree of dryness due to the electronic humidity control.

Large evidence can be dried in a clean, closed room. The drying process is carried out by using a special ventilation system with filters. After drying the evidence, for example textiles can be shrink-wrapped in vacuum bags.

Technical specifications:
Cabinet	made of polypropylene, front door is made of ESG glass or polycarbonate
Interior	hanging rods, hanger storage shelves perforated, pluggable, made of polycarbonate
Connected load	230V / 50Hz, 300W

Produktionsstandort DEUTSCHLAND

Art. No.	Description (WxDxH)	Unit
50390	Drying cabinet VTR 850 external dimensions: 850 x 700 x 1970mm internal dimensions: 750 x 675 x 1500mm	1 unit
53594	Drying cabinet VTR 1500 external dimensions: 1500 x 700 x 1970mm internal dimensions: 1400 x 675 x 1500mm	1 unit
53912	Drying cabinet (NARC) VTR 1500 with 3 large, removable grids external dimensions: 1500 x 700 x 1970mm internal dimensions: 1400 x 675 x 1500mm	1 unit

Other dimensions are possible!

Additional equipment for drying cabinet

Art. No.	Description	Unit
54823	UVC light unit for surface and air cleaning	1 unit
54826	Rotational speed control fan exhaust air	1 unit
54977	Operating hours counter	1 unit

Operating material for drying cabinet

Art. No.	Description	Unit
50760	Filtermat for VTR 535 x 260 x 3mm (LxWxH)	1 unit
54825	Glass fiber filter paper, 535 x 260mm (LxW)	1 unit

Accessories for drying cabinet

Art. No.	Description	Unit
54824	Suspension hook, S-shaped	1 unit
54821	Clothes hanger, stainless steel, 42cm (W)	1 unit
53280	Clothes hanger PP white, 41cm (W), rotatable hooks for skirts, bar for ties and trousers	1 unit

54824

54821

53280

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Workstation for securing evidence VFA including compact filter F9*

is used for **clean and safe** work with powders and chemical developers.

The continuously variable suction takes place downwards and takes care of a clear view while working. Carbon black powder, magnetic powder, fluorescent powder, fumes of chemical developers as well as other processed materials no longer represent a health risk for the user. The suction is **very silent**.

Technical specifications:

External dimensions	1165 x 785 x 2000 mm (WxDxH)
Work table/filter housing	made of stainless steel/polypropylene, white
Attachment	3-sided with ESG safety glass
Lighting	LED 45W, without causing schadows
Surface for suction	600 x 400mm (WxD)
Standard filter	compact filter F9*
Exhaust fan	2675m³/h, adjustable
Connected load	230V / 50Hz, 519W
Weight	approx. 200kg (height-adjustable)

Art. No.	Description	Unit
50663	Workstation VFA working height 900mm, on caster wheels	1 unit
50665	Workstation VFA, height-adjustable (electrically)	1 unit

* Other filter mediums are possible!

Additional equipment

Art. No.	Description	Unit
53775	Front pane, PC clear, antistatic, 300mm (W), moveable and removable	1 unit

Suction and filter unit GL 265, mobile unit

is used anywhere, absolutely silent, designed for permanent operation.
Scope of delivery: suction arm with cap and removable protective grid,
first filter equipment, filter monitor,
speed controller, 4 castors, operating hours counter.

Technical specifications:

Airflow capacity	350m³/h, free blowing
Eff. airflow capacity	100-300m³/h, effective
Pressure	6000Pa, static
Noise level	approx. 55dB(A) (=very quiet)
Connected load	230V / 50Hz, 600W

Art. No.	Description	Unit
47646	Suction and filter Unit GL 265, mobile unit	1 unit

Accessories for suction and filter unit GL 265, mobile unit

Art. No.	Description	Unit
50773	Filtermat F5, 610 x 305 x 20mm (LxWxH)	1 unit
50594	Particle filter H13, 605 x 300 x 78mm (LxWxH)	1 unit
50595	Filter cassette with carbon/BAC filter 600 x 305 x 150mm (LxWxH)	1 unit

Fume cabinet – low-ceiling room, according to EN 14175

With sliding double-window and two cross slides, on the inside surfaced with impact-resistant melamine resin, four holder for support rods. Table top is made of stoneware, glazed with back ring and sink including a PE-disposal system line with waste trap. The floor unit is equipped with revolving doors and a shelf.

Technical specifications:

External dimensions	1200 or 1500 x 930 x 2400mm (WxDxH)
Working height	910mm
Exhaust air	d = 20mm, 450m³/h at 50Pa.
Exhaust air connection	on site to inhouse exhaust air system
Lighting	30W

Art. No.	Description	Unit
50254	Fume cabinet for low-ceiling rooms, 1200mm (W)	1 unit
49152	Fume cabinet for low-ceiling rooms, 1500mm (W)	1 unit

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Please contact Corinna Baur, phone: +49 7702.47915-200 or
email: c.baur@voigtlaendertechnik.de

Hazardous materials workplace GAP-LINE

For safe operation with hazardous to health gases and fumes with fresh air curtain.
Ventilation test according to DIN EN 14175-3 (5.4.4)
Incoming and outgoing air monitoring with control display
(visual and acoustic alarm).
Interior lighting (energy saving lighting, arranged without glare).

Technical specifications:
External dimensions   1200 x 600 x 1400mm (WxDxH)
Connected load   230V / 50-60Hz, 60W
        connection of exhaust air system on site

Art. No.	Description	Unit
53879	Hazardous materials workplace GAP-LINE with fresh air curtain	1 unit

Safety cabinet type 90

For the safe storage of chemical products.
Tall cabinet empty, with wing doors, door locking system and profile cylinder lock, integrated leveling feet to compensate uneven floors.
Model line S-Line, S-Classic-90 model group,
type-tested according to EN 14470-1, DIN EN 14727
GS certified, CE compliant, without content.
Color code: Body: RAL 1004 safety yellow, smooth
        Door (s): RAL 1004 safety yellow, smooth

Technical specifications:
External dimensions   896 x 612 x 1968mm (WxDxH)
Internal dimensions   750 x 524 x 1742mm (WxDxH)
Outer carcass   steel sheet powder-coated in RAL 1004
        (safety yellow, smooth)
Connected load   230V / 50Hz, 1.2kW
        connection of exhaust air system on site

Art. No.	Description	Unit
53785	Safety cabinet type 90	1 unit

Other dimensions are possible!

Equipment package for safety cabinet

Made of steel sheet, powder-coated smooth, RAL 7035 light grey
shelves standard, load: 75kg, perforated sheet standard, load: 75kg,
bottom tray STAWA-R, volume: 22L.

Art. No.	Description	Unit
53786	Equipment package for safety cabinet type 90	1 unit

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47582

52477

UVC air cleaner for ambient air without DNA fragmentation

The air circulates continuously through the device with the help of fans.
The device is equipped with a high energy UVC light and a dust filter. Within
the UV box the intensity of the UVC light is 1000 times stronger and therefore
sufficient for completely inactivating DNA contaminated air in the laboratory.
Other microbiological contaminations are also reduced significantly.

Technical specifications:
Dimensions	130 x 100 x 660mm (WxDxH)
Flow capacity	10m³ air per hour
Connected load	240V / 50-60Hz, 30W
Weight	approx. 4 kg

For direct mounting on the wall or supplied with mobile stand as optional accessory.

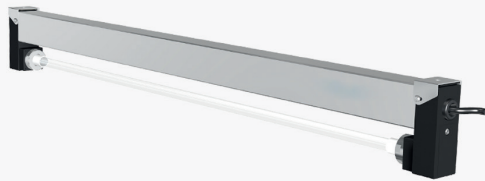| Art. No.	Description		Unit
47582	UVC air cleaner		1 unit
50786	Replacement filter for UVC air cleaner	2 units	1 kit
52477	Base for UVC air cleaner		1 unit

For removing residues of DNA on surfaces you can use our product "DNA-Ex" (art.
No. 52732) see page 5.

UVC lamp for sterilisation of surfaces

Is particularly developed for sterilisation of ambient air and surfaces. The UVC light
frees devices and working surfaces from undesirable germs, viruses, yeasts and
mould spores.

Technical specifications:
Dimensions	490 x 44 x 107mm (LxWxH)
Housing	stainless steel
Spotlight	UVC 253.7nm, 16.000 hours
Connected load	230V, 18W
Weight	approx. 1.7kg

Art. No.	Description	Unit
50606	UVC lamp AR400	1 unit
52076	Tubular replacement tube for UVC lamp type AR400	1 unit

Technical specifications:
Dimensions	900 x 44 x 107mm (LxWxH)
Housing	stainless steel
Spotlight	UVC 253.7nm, 16.000 hours
Connected load	230V, 40W
Weight	approx. 2.9kg

Art. No.	Description	Unit
50583	UVC lamp AR810	1 unit
50670	Tubular replacement tube for UVC lamp type AR810	1 unit

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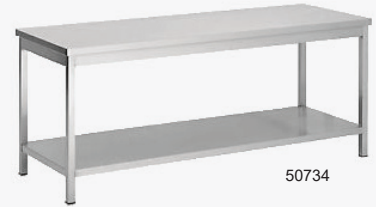or by email c.baur@voigtlaendertechnik.de

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Workbenches VMA

For demanding laboratory use.

Art. No.	Description	Unit
50734	Workbench VMA 1800 worktop made of stainless steel with framed overlap and intermediate shelf 1800 x 1000 x 900mm (LxDxH)	1 unit
55006	Workbench VMA 1800 work top respa TopLab Plus with framed overlap and intermediate shelf 1800 x 1000 x 900mm (LxDxH)	1 unit
50293	Workbench VMA 2000 worktop made of stainless steel with floor units 2000 x 1400 x 900mm (LxDxH)	1 unit

Worktop with melamine resin coating is possible.
Other dimensions as well as type VMA 1800 height-adjustable and on castors are available.

50734

55006

50293

Trolley table

Art. No.	Description	Unit
51146	Stainless steel, with two shelves 800 x 500mm (LxW)	1 unit
51195	Stainless steel, with three shelves 800 x 500mm (LxW)	1 unit

Precision balance Kern

Very high accuracy,
with illuminated LCD display, adapter, battery mode is possible.

Art. No.	Description	Unit
50425	Weighing range up to 2500g weighing plate: 13 x 13cm (WxD) reading precision: 0.01g	1 unit
50426	Weighing range up to 6000g weighing plate: 15 x 17cm (WxD) reading precision: 0.1g	1 unit
54211	Weighing range up to 12000g with EU calibration (CE) weighing plate: 19 x 19cm (WxD) reading precision: 0.1g	1 unit

50425

50426

54211