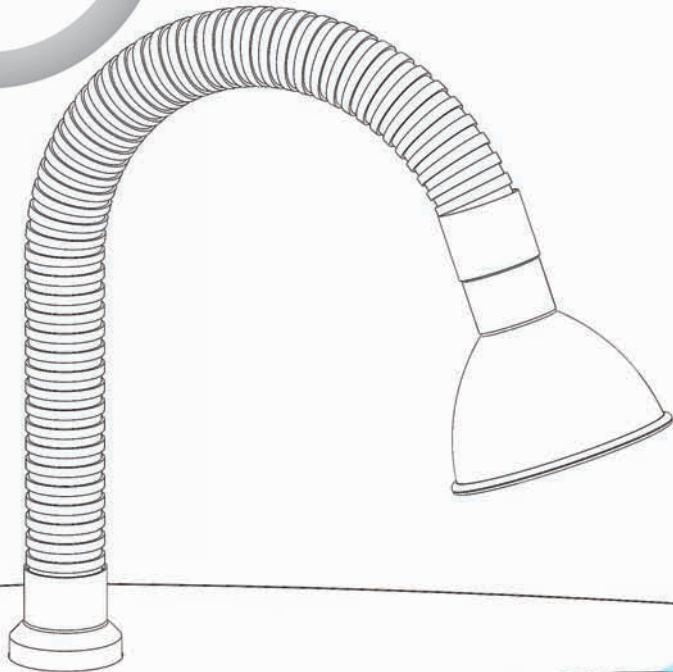




FILTER TECHNOLOGY



GVS Nailstation



Manicure Table with Molecular Filtration





FILTER TECHNOLOGY

Why we have created a table with molecular filtration?

Manicure products can release fumes and unpleasant odours that when mixed with the dust from nail filing can compromise health and workplace conditions. During manicure and pedicure operations, staff and customers are exposed to microorganisms such as parasites, bacteria and viruses which with prolonged exposure can cause infections, allergies or poisoning. The result is a higher risk of skin conditions, respiratory disease and musculoskeletal problems. It is therefore important to ensure that equipment used meets the requirements of HSE SR13 to protect both technicians and customers.

For more information see:
www.hse.gov.uk/pubns/guidance/sr13.pdf



The filter systems developed by GVS are able to capture fumes and dust down to $0.3\mu\text{m}$. The GVS Nailstation has four zone extraction, particle and molecular filters. These are certified and tested to ensure every GVS manicure table is able to safely remove harmful airborne contaminants, leaving a healthy working environment.

The GVS Nailstation Filter System

The GVS replaceable pre-filters are more efficient because they are electrostatically charged. Fibres are charged both positively and negatively in order to easily capture particulate with efficiencies up to 99,9999%.

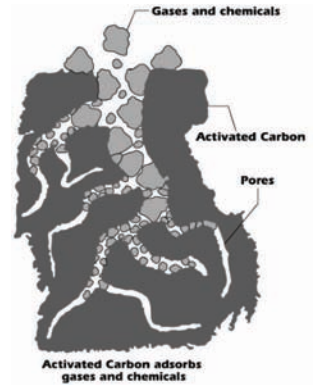


One gram of our active carbon has a micro porous area of over 500sqm to adsorb fumes.



The GVS Nailstation Filter System

Gas and harmful fumes are adsorbed on the surface of the carbon filter which impedes their release in the air. The activated carbon used in the filters the GVS manicure table undergoes a molecular treatment to ensure retention of toxic substances found in nail treatments such as Acetone, Benzene, Formaldehyde and Toluene.



The GVS Filter System contains 2.8 kg of specially treated activated carbon with a micro porous structure of 1.4 million square meters. This guarantees of a long life and filtration efficiency. The GVS Nailstation is the only manicure station to provide this level of protection to its users.

GVS operate a computerised traceability system on each table and filter system to ensure the high level of quality is maintained.



Traditional manicure tables vs. The GVS Nailstation

Exposure to organic compounds

Traditional manicure tables, either with or without some form of basic fan extraction, expose operators to risks from both particulate and organic fumes. Particles and fumes remain in the work space putting technicians at risk of longer term exposure.

Limited workspace

Tables with downward extraction tend to have a limited safe working area. They remove larger particles but not the fumes. This type of table actually blows smaller particles around the room worsening the effect.

The GVS Nailstation

Complete protection of technicians and customers

With four zone extraction the GVS Nailstation offers complete protection against dust and odour.

Air quality

The GVS Nailstation purifies air both in the work area and beyond. The system will act as a room air purifier pulling in air and removing contaminant.

The result is a better environment for workers, a lower risk of absence from work due to ill health and a reduced risk of claims against employers for work related sickness.

The cleaner environment is also more professional and inviting to customers.

This allows salons and spa's to offer services that they previously wouldn't be able to because of the odour.

Main features



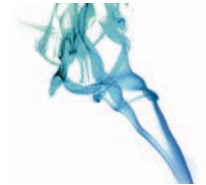
Pre-filter removes dust and fine particles



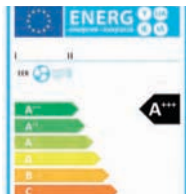
Activated carbon filter adsorbs solvents and fumes



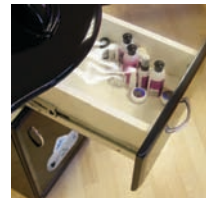
Reduced risk of inhalation of fumes and odours harmful to health



Guarantees improved working environment for technicians and customers



Large capacity filters mean low running costs



Ventilated storage drawers

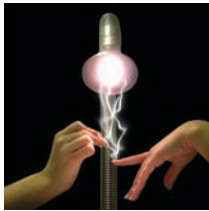
Main features



Variable speed control



Plenum cowl removes solvents from desktop storage



Halogen lamp or optional LED

Code: 20.080.0098.00.AA
GVS Nailstation™ LED Bulb



Flexible extraction arm

Health and safety



The GVS Nailstation is designed in accordance HSE SR13. The SR13 helps to guide employers and ensure they protect both technicians and customers against long term exposure to dust and fumes which can be harmful to health.

Chemicals commonly found in nail treatments

Health risk

- R20 - Harmful by inhalation
- R23 - Toxic by inhalation
- R24 - Toxic in contact with skin
- R25 - Toxic if swallowed
- R26 - Very toxic by inhalation
- R27 - Very toxic in contact with skin
- R28 - Very toxic if swallowed - R34 - Causes burns
- R36 - Irritating to eyes
- R38 - Irritating to skin
- R41 - Risk of serious damage to the eyes
- R45 - May cause cancer
- R48 - Danger of serious damage to health by prolonged exposure
- R61 - May cause harm to the unborn child
- R62 - Risk of impaired fertility
- R63 - Possible risk of harm to unborn child
- R65 - Harmful: may cause lung damage if swallowed
- R66 - Repeated exposure may cause skin dryness or cracking
- R67 - Vapours may cause drowsiness and dizziness

Other Risks Arising from Short/Long Term Exposure

- Liver and kidney damage
- Hormone function
- Irritation to eyes, nose, skin, throat
- Feelings of numbness
- Light headedness & dizziness

	Acetone	Benzene	Dibutyl Phthalate	Ethyl Methacrylate	Formaldehyde	Toluene
						●
		●				
		●				
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Chemicals commonly found in nail treatments

Health risk

- Inability to sleep
- Early puberty in girls
- High heart beat
- Low sperm counts in men
- Burning
- Vomiting
- Contributes to infertility
- Weakness/Exhaustion
- Pupil dilation
- Teary eyes
- Anxiety
- Muscle Fatigue
- Headache
- Skin rash
- Flaking Skin
- Confusion
- Coma
- Unconsciousness / Shortening of menstrual cycle
- Suffocation
- Other Risks Arising from Prolonged Exposure**
- Lung Cancer
- Leukemia / Immediate Death
- Damage to embryo & fetus
- Carcinogen (an agent directly involved in causing cancer)
- Banned in Europe, UK and USA

	Acetone	Benzene	Dibutyl Phthalate	Ethyl Methacrylate	Formaldehyde	Toluene
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			●			
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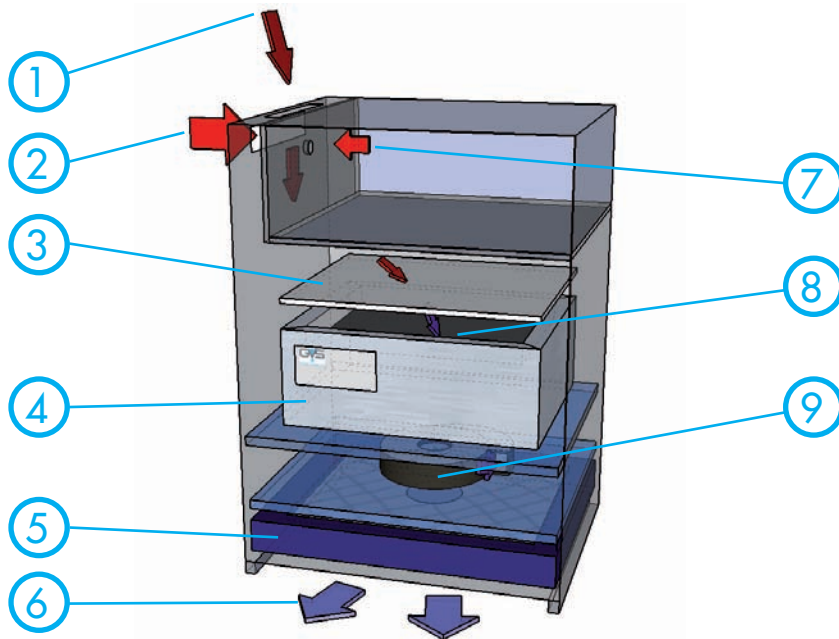
How it works



- Evaporating solvents and fine dust particles are extracted up through the light arm.
- Heavier particles are pulled down through the centre grill.
- Solvents from containers stored on the desk top are pulled into the desktop cowl.
- Solvent fumes from bottles stored in the drawer are extracted into the filter system from the rear of the drawer unit.
- Clean air is then exhausted from the base of the unit.

How it works

"The only nail station with activated carbon filtration proven to ensure a safer, cleaner working environment."



- | | |
|--------------------------------------|----------------------------|
| ① Fumes from plenum cowl | ⑤ Sound attenuation filter |
| ② Dust and fumes from lamp and grill | ⑥ Clean air out |
| ③ Electrostatic pre filter | ⑦ Fumes from drawer |
| ④ Granular activated carbon filter | ⑧ Filtered fumes |
| | ⑨ Fan |

GVS Nailstation Features

ADJUSTABLE ARM

Evaporating solvent and chemical fumes are safely captured by an adjustable stainless steel arm with integrated work lamp.

DOWNDRAUGHT DISC

A downdraught system pulls the nail dust down into the filter through a removable grill and away from your breathing zone.

PLENUM COWL

Open containers can release fumes into the air. This is prevented by a plenum cowl positioned on the worktop.

VENTED DRAWER

Fumes are extracted from the rear of the drawer. This ensures fumes are not released when the drawer is opened.

DOUBLE FILTER SYSTEM

Dust and fumes are directed down and removed by the pre-filter. Next a molecular, active carbon filter removes fumes and odours before the purified air is passed through a sound attenuation panel filter and exhausted from the base of the cabinet.

CONTROL OF AIR FLOW

The front mounted control knob allows fine control of fan speed.



Technical Specification

Specification

Voltage: 220-240 50Hz (Optional US Market - 120v 50/60Hz)

Fan motor: Low noise radial type , 140W

Air flow: 25cbm/hour

Fan control: Variable

Cabinet and bench top: Solvent resistant P.U. coated MDF

Hinges and runners: Blum "soft close" hinges and drawer runners

Lamp arm: Spiral wound stainless steel

Lamp shade: Brushed finish stainless steel

Main Extraction Grill: Laser cut stainless steel

Handles: Stainless steel, brushed finish

Bulb: 12v GU5.3 50W 3000k (Optional 8W LED 3000k)

Cowl: Clear Polycarbonate

Power lead: 2m cord with UK / EU / US plug

Guarantee: 2 Years

Filter Life*

Pre Filter: 3 months

Carbon: 12 months

* In normal operating conditions

Colours



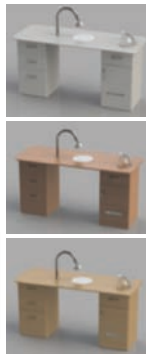
Black

Light Oak

Walnut

White

Silver



Kidney



DIMENSIONS

cm. 120 x 60 - h. 74

cm. 140 x 60 - h. 74

Product Codes and Description

60.016.0003.01.AA	1.2 m. Kidney GVS Nailstation™ Black
60.016.0003.02.AA	1.2 m. Kidney GVS Nailstation™ Walnut
60.016.0003.03.AA	1.2 m. Kidney GVS Nailstation™ Oak
60.016.0003.04.AA	1.2 m. Kidney GVS Nailstation™ Silver
60.016.0003.05.AA	1.2 m. Kidney GVS Nailstation™ White
60.016.0005.01.AA	1.4 m. Kidney GVS Nailstation™ Black
60.016.0005.02.AA	1.4 m. Kidney GVS Nailstation™ Walnut
60.016.0005.03.AA	1.4 m. Kidney GVS Nailstation™ Oak
60.016.0005.04.AA	1.4 m. Kidney GVS Nailstation™ Silver
60.016.0005.05.AA	1.4 m. Kidney GVS Nailstation™ White

Rectangle



DIMENSIONS

- cm. 100 x 54 - h. 74
- cm. 120 x 54 - h. 74
- cm. 140 x 54 - h. 74

Product Codes and Description

60.016.0003.01.AA	1.0 m. Rectangular GVS Nailstation™, Black
60.016.0001.02.AA	1.0 m. Rectangular GVS Nailstation™, Walnut
60.016.0001.03.AA	1.0 m. Rectangular GVS Nailstation™, Oak
60.016.0001.04.AA	1.0 m. Rectangular GVS Nailstation™, Silver
60.016.0001.05.AA	1.0 m. Rectangular GVS Nailstation™, White
60.016.0002.01.AA	1.2 m. Rectangular GVS Nailstation™, Black
60.016.0002.02.AA	1.2 m. Rectangular GVS Nailstation™, Walnut
60.016.0002.03.AA	1.2 m. Rectangular GVS Nailstation™, Oak
60.016.0002.04.AA	1.2 m. Rectangular GVS Nailstation™, Silver
60.016.0002.05.AA	1.2 m. Rectangular GVS Nailstation™, White
60.016.0004.01.AA	1.4 m. Rectangular GVS Nailstation™, Black
60.016.0004.02.AA	1.4 m. Rectangular GVS Nailstation™, Walnut
60.016.0004.03.AA	1.4 m. Rectangular GVS Nailstation™, Oak
60.016.0004.04.AA	1.4 m. Rectangular GVS Nailstation™, Silver
60.016.0004.05.AA	1.4 m. Rectangular GVS Nailstation™, White

Left Handed Variants

60.016.0001.11.AA	1.0 m. Rectangular GVS Nailstation™, Black LH
60.016.0001.12.AA	1.0 m. Rectangular GVS Nailstation™, Walnut LH
60.016.0001.13.AA	1.0 m. Rectangular GVS Nailstation™, Oak LH
60.016.0001.14.AA	1.0 m. Rectangular GVS Nailstation™, Silver LH
60.016.0001.15.AA	1.0 m. Rectangular GVS Nailstation™, White LH
60.016.0002.11.AA	1.2 m. Rectangular GVS Nailstation™, Black LH
60.016.0002.12.AA	1.2 m. Rectangular GVS Nailstation™, Walnut LH
60.016.0002.13.AA	1.2 m. Rectangular GVS Nailstation™, Oak LH
60.016.0002.14.AA	1.2 m. Rectangular GVS Nailstation™, Silver LH
60.016.0002.15.AA	1.2 m. Rectangular GVS Nailstation™, White LH
60.016.0004.11.AA	1.4 m. Rectangular GVS Nailstation™, Black LH
60.016.0004.12.AA	1.4 m. Rectangular GVS Nailstation™, Walnut LH
60.016.0004.13.AA	1.4 m. Rectangular GVS Nailstation™, Oak LH
60.016.0004.14.AA	1.4 m. Rectangular GVS Nailstation™, Silver LH
60.016.0004.15.AA	1.4 m. Rectangular GVS Nailstation™, White LH

Rectangle with Side Storage



DIMENSIONS

cm. 150 x 54 - h. 74

Product Codes and Description

60.016.0006.01.AA 1.5 m. GVS Nailstation™ Rectangular with side storage, Black

60.016.0006.02.AA 1.5 m. GVS Nailstation™ Rectangular with side storage, Walnut

60.016.0006.03.AA 1.5 m. GVS Nailstation™ Rectangular with side storage, Oak

60.016.0006.04.AA 1.5 m. GVS Nailstation™ Rectangular with side storage, Silver

60.016.0006.05.AA 1.5 m. GVS Nailstation™ Rectangular with side storage, White

Left Handed Variants

60.016.0006.11.AA 1.5 m. GVS Nailstation™ Rectangular with side storage, Black LH

60.016.0006.12.AA 1.5 m. GVS Nailstation™ Rectangular with side storage, Walnut LH

60.016.0006.13.AA 1.5 m. GVS Nailstation™ Rectangular with side storage, Oak LH

60.016.0006.14.AA 1.5 m. GVS Nailstation™ Rectangular with side storage, Silver LH

60.016.0006.15.AA 1.5 m. GVS Nailstation™ Rectangular with side storage, White LH





FILTER TECHNOLOGY

MADE IN U.K.

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