



PHOTOvent LH151

For the application of fingerprint powders and evidence staining chemicals, forensic experts are equipped with special instruments like vented cupboards or fume hoods. For the subsequent photographic documentation of the evidence suitable safety equipment is often missing. With **PHOTOvent LH151** Attestor Forensics offers a modern downdraft filter workstation, especially designed for safe evidence photography.

An electrically operated camera arm with high precision coarse and fine movement gives control over the camera position. It features a shelf and a power distribution block for accessories such as light sources and features a universal mounting system for other photographic accessory, moving along with the camera arm.

The workbench surface of **PHOTOvent LH151** is made from premium quality stainless steel and is designed frame- and seamless to make cleaning an easy job. It can also be electrically adjusted in height. A combination of a pre-filter mat and a fine particulate filter cassette H13 are located below the working surface and can be easily replaced by the user without any tools. The pre-filter mat prevents bigger particles to saturate the fine particulate dust filter cassette too early. This reduces operation costs.

The user controls the fan speed in five steps via a touch panel display. An acoustic and optical alert informs the user about a due filter replacement.

The system is available as **PHOTOvent LH151-L** in a large and as **PHOTOvent LH151-S** in a smaller version.

Technical Data:

Dimensions (HxWxD)	see drawings right
PHOTOvent LH151-L	PHOTOvent LH151-S
Working Surface (WxD) 150 x 75cm (59 x 29.5")	Working Surface (WxD) 100 x 70cm (59 x 27.6")
Filter Life Time Pre-Filter/Fine Particulate Cassette 250 hrs. / sensor monitored, therefore contamination dependant	Filter Life Time Pre-Filter/Fine Particulate Cassette 250 hrs. / 2000 hrs.

Electrical Data:

Voltage Supply:	110 - 230V AC / 50-60Hz
Current: (without photo accessory)	max. 1,0 A on 230V max. 2,0 A on 110V
Power Requirements: (without optional accessory)	max. 230 W
Weight (without optional accessory) Approx. 200 kg (440 lbs)	Weight (without optional accessory) approx. 150 kg (330 lbs)

Incl. 1 Fine Particulate Filter Cassette & 8 Pre-Filter Mats 2 Supporting Tables and Horizontally Adjustable Camera Mount	Incl. 1 Fine Particulate Filter Cassette, and 8 Pre-Filter Mats
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Additional consumables:

- EFP131 Replacement Filter Set (1 Fine Particulate Dust Cassette and 8 Pre-Filter Mats)
- AFM131 Replacement Pre-Filter Mats
- AFA131 Activated Carbon Fleece Inserts

Optional Upgrades for **PHOTOvent LH151-S**:

- UDS151 Sensor for Contamination Dependent Filter Replacement
- KKK151 Horizontally Adjustable Camera Mount
- PST151 Supporting Tables

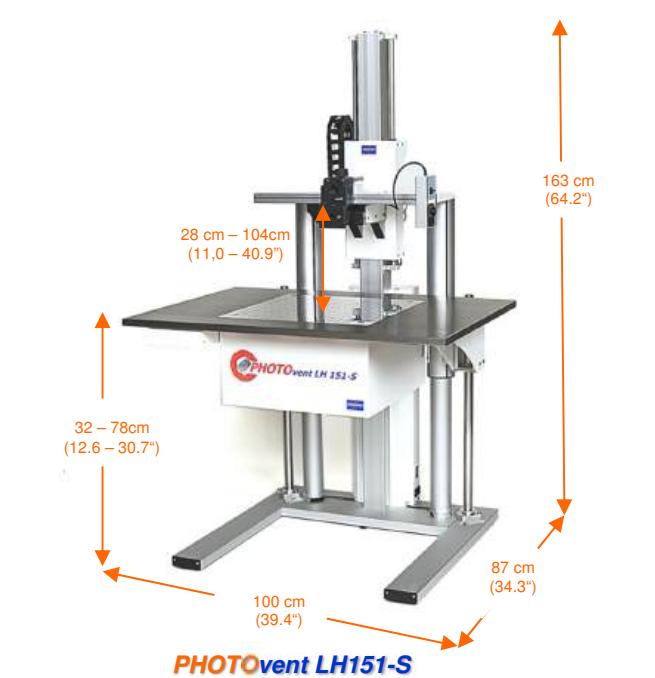
Authorised Distributor:

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Accessories



PST151 Supporting Tables

Evidence that cannot be photographed directly on the stainless steel surface can be placed on the two supporting tables with a scale print (one in matted white one in matted black) which are raised to allow venting.
(chargeable extra for **PHOTOvent LH151-S**.)

This is a product info brochure. Images might not be true to scale. Binding is solely the separately available technical specification.
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PHOTOvent LH151



**Downdraft
Filter Workstation**
for evidence photography



PHOTOvent LH151-L

the large model

Benefits at a glance

Reduction of dust exposure

High user safety during photographic documentation of forensic evidence.

Strong Downdraft Air Stream

Secure filtration of fine particulate dust, controllable in five steps + OFF.

Touch Panel Control

Control of the fan speed, display of the remaining filter life time and optical and acoustic alert for filter replacement.

Filter Replacement Indicator

Separate indicators for each of the two filter steps with visible and audible alert when a filter replacement of any of the steps is due.

Stainless Steel Working Surface

Frameless and seamless design for easy cleaning. Electrically adjustable in height by synchronised high-torque lifters via touch panel control display.

Camera Arm

Camera mount for standard photo cameras with motorised coarse and highly accurate fine positioning ($\approx 0.3\text{mm}$).



PHOTOvent LH151-S
the small model

Accessory Shelf, Power Strip and Cable Chain

Moving along with the camera arm, **PHOTOvent LH151** offers a shelf for accessories, avoiding blockages of cables or light guides or damage of fragile Firewire or USB sockets on the camera. A power strip (country specific) and a cable chain allow secure and tidy cable routing.



Horizontally Adjustable Camera Mount

For centering of the camera through ringlights, e.g. Crime-Lite™ 8x4 (Foster + Freeman).

(Standard with **PHOTOvent LH151-L**, chargeable for **PHOTOvent LH151-S**)



Wall Mount

For vibration-free positioning also on difficult floor surfaces, **PHOTOvent LH151** features a wall-mount bracket for the camera column.

Camera Positioning

PHOTOvent LH151 allows motorised positioning of the camera via a cable remote control with coarse and highly accurate fine positioning.

Many evidence photography systems utilise the height adjustment for focussing.

PHOTOvent LH151 supports this ideally with a position accuracy of approx. 0.3mm.



Pre-Filter and Fine Particulate Cassette

PHOTOvent LH151 uses a combination of a pre-filter fleece and a fine particulate cassette, located below the stainless steel working surface.

The pre-filter keeps bigger particles off the fine particulate filter cassette and thus reduces the frequency of filter cassette replacements and operating costs. The replacement of both filters is indicated by a visible and audible alarm.

Ideal for Foster + Freeman DCS™

PHOTOvent LH151 is designed for and seamlessly fits Foster + Freeman's fingerprint capture systems DCS™3 or DCS™4 or DCS™5.

PHOTOvent LH151 can also be used universally with any other photography system. We are happy to discuss a custom modification for you.



Variable Height

The working surface of **PHOTOvent LH151** can be adjusted electrically in height, using synchronised high-torque lifters. The user adjusts the height via a touch panel control unit in a drawer below the working surface. The same unit also allows to control the fan speed for the downdraft filter function.