PHOTOfvent LH151

Downdraft Filter Workstation for evidence photography
**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 (± 0.3mm).

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**PHOTOvent LH151-L**  
the large model

**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 TM**  
**PHOTOvent LH151** is designed for and seamlessly fits Foster + Freeman’s fingerprint capture systems DCS™3 or DCS™4. **PHOTOvent LH151** can also be used universally with any other photography system. We are happy to discuss a custom modification for you.

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**PHOTOvent LH151-S**  
the small model

**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.

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**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**)

**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.

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**Touch Panel Control Unit**  
Secure filtration of evidence.

Graphic documentation of forensic evidence.

For convenient access to power.

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**Fingerprint Capture System**  
**PHOTOvent LH151** can be used with Foster + Freeman’s fingerprint capture systems DCS™3 or DCS™4. **PHOTOvent LH151** can also be used universally with any other photography system. We are happy to discuss a custom modification for you.
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:**

<table>
<thead>
<tr>
<th>PHOTOvent LH151-L</th>
<th>PHOTOvent LH151-S</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Working Surface</strong> (WxD)</td>
<td>150 x 75cm (59 x 29.5”)</td>
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<tr>
<td><strong>Filter Life Time</strong></td>
<td>Pre-Filter/Fine Particulate Cassette 250 hrs. / sensor monitored, therefore contamination dependant</td>
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</tbody>
</table>

**Electrical Data:**

<table>
<thead>
<tr>
<th><strong>Voltage Supply:</strong></th>
<th>110 - 230V AC / 50-60Hz</th>
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<tbody>
<tr>
<td><strong>Current:</strong> (without photo accessory)</td>
<td>max. 1,0 A on 220V</td>
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<tr>
<td><strong>Power Requirements:</strong> (without optional accessory)</td>
<td>max. 2,0 A on 110V</td>
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<tr>
<td><strong>Weight:</strong> (without optional accessory)</td>
<td>approx. 150 kg (330 lbs)</td>
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<tr>
<td><strong>Weight:</strong> (without optional accessory)</td>
<td>approx. 200 kg (440 lbs)</td>
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<tr>
<td><strong>Optional Upgrades for PHOTOvent LH151-S:</strong></td>
<td>EFP131 Replacement Filter Set (1 Fine Particulate Filter Cassette &amp; 8 Pre-Filter Mats)</td>
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<tr>
<td><strong>Optional Upgrades for PHOTOvent LH151-S:</strong></td>
<td>AFM131 Replacement Pre-Filter Mats</td>
</tr>
<tr>
<td><strong>Optional Upgrades for PHOTOvent LH151-S:</strong></td>
<td>AFA131 Activated Carbon Fleece Inserts</td>
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</tbody>
</table>

**Additional consumables:**

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

** Authorized Distributor:** Attestor Forensics GmbH Zepplinstr. 28 88410 Bad Wurzach, Germany

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PHOTOvent-EN 03/15