

MUSCH SD 150

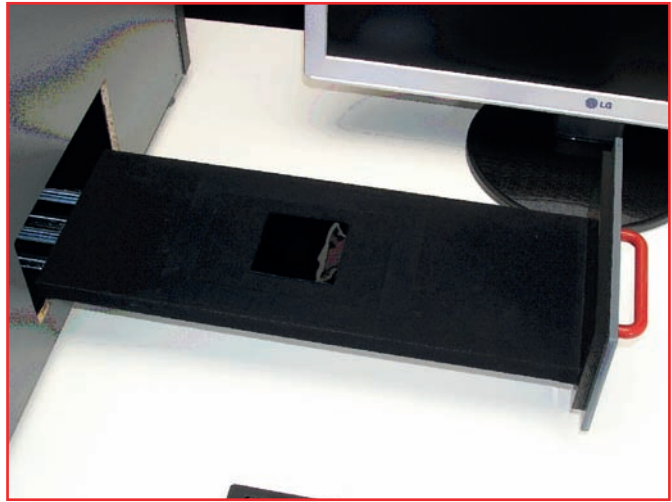
Digital Fingerprint Evaluation Workstation



Secure fingerprints as highly informative forensic evidence from all kinds of surfaces, even from those difficult to photograph such as reflective aluminium or tape

MUSCH SD150 - Highest Picture Quality at 1000 dpi

Secure fingerprints as highly informative forensic evidence from all kinds of surfaces, even from those difficult to photograph such as reflective aluminium or tape. The photogramme can be printed out or saved as a file. The workstation consists of a forensic camera with specific MUSCH light unit, computer and printer. Camera and light unit are built into a compact light- and dust-proof housing gives reliable protection from any interfering external light. External controls enable easy regulation of light. A live preview helps to check the resulting photogramme in advance. The carrier material – usually a black gelatine lifter – is absolutely completely evenly illuminated by four MUSCH cold lights with matching extra bright LEDs. Optimum illumination of the lifter is an undisputed prerequisite for high-quality photogrammes. With best possible digitization and effective image editing, only a few steps are required to produce highly informative forensic evidence.



The ergonomically designed slide-in cart allows reproducible and easy handling of fingerprint evidence

Technical Data

- Digital forensic camera with 21.9 mega pixels
- Lens producing true to scale pictures up to 150 x 100 mm
- Photographic quality: (RAW) 5616 x 3744 Pixel, i.e. 1000 dpi
- 1000 dpi true to scale photogrammes
- Data transfer at 100 mbit/sec. (approx. 3 seconds per picture)
- 4 Musch cold light units with LED technology, freely adjustable light intensity and infinite variability in height and angle
- Ventilated light- and dust-proof housing with lateral slide-in cart
- Housing dimensions: width 46 cm x height 53 cm x depth 58 cm
- High-End PC incl. Windows 7, Photoshop CS5 and Fingerprint Viewer
- A3+ Inkjet printer with 5760 dpi



MUSCH SD150: Compact digital fingerprint evaluation workstation

Benefits

- Perfectly matching components producing maximum picture quality
- Up-to-date advanced MUSCH LED lighting technology with absolutely even and brilliant illumination
- Fingerprint evidence is securely protected against heat, dust and external light while being photographed
- Easily adjustable illumination allows the photographing of any kind of carrier material be it transparent, white, silver or black