

SmartLF ivo 6000

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DIGITIZE LARGE FORMAT ORIGINALS SAFELY WITH CONTACT-FREE SCANNING

SmartLF ivo 6000's contact-free scanning ensures no wear and tear of originals up to 130 mm in height. First-rate color reproduction and expressive lifelike 3D surface effects reproduces any original flawlessly.



IDEAL FOR

- REPROGRAPHICS
- FINE ARTS
- APPAREL
- INSPECTION
- CONTACT-FREE SCANNING

SmartLF ivo 6000



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| SmartLF ivo 6000 | | | |
|---|---|-----------------------|------------------------|
| Ideal for | Regraphics, fine art and artwork, fabric and apparel, inspection, contact-free scanning | | |
| Media loading | Contact-free face up scanning | | |
| Scan size (WxL) | Maximum: 42x60 in (1067x1524 mm). Minimum: 1x1 in (24.5x24.5 mm) | | |
| Media size (WxL) | Maximum: 43.8x64 in (1113x1625 mm). Minimum: Media smaller than the minimum scan size can be cropped in the software | | |
| Maximum focus plane above table | 5.1 in (130 mm). Maximum clearance height: 10 in (254 mm) | | |
| Maximum focus depth at 300 dpi | +/- 10 mm | | |
| Maximum weight on scanner table | Up to 44 lbs (20 kg), evenly distributed | | |
| Scanning speed (inches/second) ¹ | 300 dpi, 24-bit color | 600 dpi, 24-bit color | 1200 dpi, 24-bit color |
| Flat surface | 6 ips | 1.5 ips | 0.12 ips |
| Uneven surface | 5.5 ips | 1.38 ips | 0.28 ips |
| 3D surface effect | 2.75 ips | 0.69 ips | 0.11 ips |
| Specifications | | | |
| Optical resolution | 1200 dpi (maximum 9600 dpi, interpolated) | | |
| Total number of pixels | 256,320 pixels | | |
| Accuracy | 0.1% +/- 1 pixel | | |
| Data capture | 48-bit color, 16-bit grayscale | | |
| Data output | Optimize for quality: 48-bit color, 16-bit grayscale. Optimize for speed: 24-bit color, 8-bit grayscale | | |
| Color spaces | Adobe RGB, Device RGB, sRGB | | |
| Color profile | ICC color management powered by X-Rite® | | |
| Cameras | 6 premium camera lenses and quad-linear Toshiba color CCDs (RGB and grey) | | |
| Height adjustment and focus detection | Auto and manual focus adjustment by 5 lasers in the scan module (patent pending) | | |
| Light sources | 2 lamps with TRI-R™ LEDs with natural daylight spectrum (2700K, 5000K, 6500K), mounted in elliptical reflectors | | |
| Light exposure | No unnecessary light exposure. Scanning light is narrowly projected to the scan line only. | | |
| Lamp specifications | No UV/IR radiation. No warm up time. Lamp lifetime = scanner lifetime. | | |
| Lamp angles | 4 options for different angles of lighting | | |
| 3D surface effect | Yes. Post-scanning option in the software to slide for desired 3D effect | | |
| Table conveyance system | Precision timing belt transmission with triple-point direction control system | | |
| Movement controls via software | Scan module: Up/down. Table: Forward/reverse. Default table position: Left/right | | |
| Red emergency stop button | Yes | | |
| PC, monitor and software | | | |
| Recommended PC requirements | 2.4 GHz processor, 8 cores (16 logical processors) or better 64-bit processors, 32 GB RAM and SSD SATA drive (PC not included) | | |
| Operating systems | Windows 11 64-bit, Windows 10 64-bit | | |
| Connectivity | Minimum USB 3.0 SuperSpeed or Gigabit Ethernet | | |
| Included monitor | 22" touchscreen (VESA mount 75x75 mm and 100x100 mm) with adjustable position for optimal ergonomics | | |
| Included software | SmartWorks ivo (English, German, French, Italian, Spanish, Portuguese, Polish, Russian, Korean, Chinese (simplified), Japanese) | | |
| File formats | Big TIFF, TIF, JPG, PDF, PDF/A, DWF, BMP, JPEG2000 Extended(JPX), TIF-G3, TIF-G4, PNG | | |
| Printer support | HP, Canon, Epson and Océ printers. See colortrac.com/smartworks-ivo-supported-printers for full list | | |
| Environment | | | |
| Temperature | Operating: 15 to 30°C (59 to 86°F). Storage: -20 to 55°C (-4 to 131°F) | | |
| Relative humidity | 35 to 60%, non-condensing | | |
| Noise level | Ready (standby): 0 dBA. Sleep: 0 dBA. Scan: 44.8 dBA (min. table speed), 45.4 dBA (medium table speed), 47 dBA (max. table speed) | | |
| Power | | | |
| Power consumption | Ready (standby): 36W. Sleep: 1.3W. Scan: 76W (Energy Star® 3.0 compliant) | | |
| Power supply | 100 V / 220 V / 240 V, 60/50 Hz | | |
| Dimensions | | | |
| Scanner size (WxHxD) and weight | 135.8x61.3x62 in (3450x1558x1575 mm) in highest position. Approx. 412 lbs (187 kg) | | |
| Table and cabinet door sizes | Table height: 35.4 in (900 mm). Cabinet door opening (WxH): 19x21.8 in (484x555 mm) ² | | |
| Installation room | Firm, flat surface at least 1378x630 in (3500x1600 cm) | | |
| Minimum entrance size | Minimum width: 32 in (81 cm), with the foam box removed. Minimum height: 57 in (145 cm), scan module set in the lowest position | | |
| Shipping crate (WxHxD) | 79x73x53 in (2010x1860x1350 mm). Weight 750 lbs. (340 kg) | | |
| Unboxing and installation | Wheels on the scanner and an included ramp assists unboxing and installation | | |
| Compliance | | | |
| FADGI | FADGI **** (4 stars is the best imaging practical today) | | |
| ISO | ISO 19264-1:2021 compliant (Imaging quality of reflective originals) | | |
| Certifications/compliance | UL/Cb, FCC, CCC (China), UKCA, CE, VCCI (Japan), Laser (FDA/IEC), RoHS, Energy Star 3.0 | | |
| Color rendering index (CRI) | CRI >98 | | |
| Country of origin | Designed and engineered in Denmark. Assembled in China. | | |

1. Speed tests performed using SmartWorks ivo software, PC with Intel Core i7 4770K 3.5 GHz, 32 GB RAM, SSD – 1TB, USB 3.0 SuperSpeed and Win 64-bit. 2. Required PC (not part of product) is stored in cabinet. Colortrac® is a Global Scanning brand. Colortrac® makes no warranty of any kind with respect to the information contained in this document and reserves the right to change specifications without notice. Colortrac® and SmartLF® are trademarks of Global Scanning. All other trademarks are the property of their respective owners.

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