

SmartLF ivo 6000

▶ THE NO-NONSENSE,
CONTACT-FREE SCANNER
FOR ANY INDUSTRY



Colortrac®

SCANNING FINE ARTS AND REPROGRAPHICS

Great precision and details with SmartLF ivo 6000.

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 reproduce any original flawlessly.



APPLICABLE FOR

Preserve masterpieces

Art museums and galleries use SmartLF ivo 6000 to safeguard their fine art originals with a technology that respects and protects.

Reproduce fine art

Copy shops need to ensure that their art reproductions maintain the original's details and colors.

Digitize framed art

SmartLF ivo 6000 effortlessly scans framed artwork without removing it from its frame.

Reproduce thick originals

Set SmartLF ivo 6000's focus height up to 130 mm (5.1").

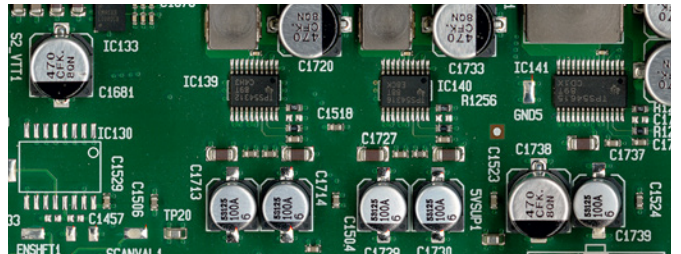
Color matched copies

SmartLF ivo 6000 includes a closed loop calibration (CLC) wizard which creates a perfect match between the scanner and a large format printer.

QUALITY INSPECTION OF LARGE PCBs

SmartLF ivo 6000 sets a new standard for inspecting and documenting oversized PCBs.

Top PCB manufacturers rely on it for precision and reliability in critical production workflows, and for advanced rapid prototyping in, for example, aerospace.



APPLICABLE FOR

PCB fabrication

Use SmartLF ivo 6000 for visual verification of trace paths to check for early fault detection and verify continuity before assembly.

PCB assembly

SmartLF ivo 6000 is used after reflow soldering to visually check for early defects and issues.

Inspection and testing

Capture true-color full-board scans for traceability and audit to verify and document quality.

Final QC record

Before shipment, scan the full board with SmartLF ivo 6000 as proof-of-condition. Add a final visual record for customer assurance.

GENERAL AND OFFLINE PRINT INSPECTION

Print inspection plays a critical role in ensuring impeccable quality in industries such as printing, packaging manufacturers, and pharmaceuticals.

It is the process of comparing any printed materials against their original design or standard to identify discrepancies and maintain high-quality standards.



Scanning the printed material

In print inspection input is key and SmartLF ivo 6000 captures every detail essential for quality assessment.

Software analysis

Using a software specialized for quality inspection, the scanned image is compared against the original design. These tools perform functions such as:

- Proofreading
- Pattern recognition
- Color quantification

Quality verification

Companies review the results to confirm adherence to their quality standards, making adjustments as needed.

COST-EFFECTIVE APPAREL DIGITIZATION

To maintain a competitive edge the apparel and fashion industry needs a reliable way to digitize, showcase and preserve their apparel, fabric and pattern designs.

A contact-free large format scanner such as SmartLF ivo 6000 is the ideal solution for digitization.



Concept and design

Utilize SmartLF ivo 6000 in the design phase, Including reverse pattern drafting.

Fabric selection

Scan fabric and finished garments for catalogs or pattern reference.

Pattern making

Use SmartLF ivo 6000 to digitize patterns and eliminate manual pattern tracing.

Prototyping

Scan prototypes for fast and precise sampling.

Sample approval

Reduce physical samples and thereby time and waste.

Quality inspection

Best scans for internal and external visual quality control.

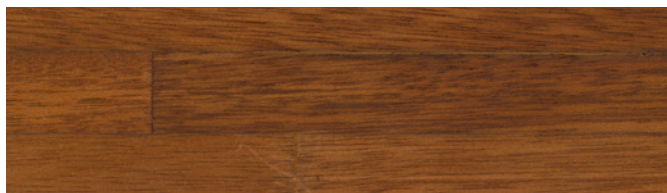
STAY TRUE TO THE ORIGINAL WITH CONTACT-FREE SCANNING

Apart from reprographics, quality inspection, and apparel and fashion, SmartLF ivo 6000 scans various types of delicate documents and other media. The results are always high-quality images with extremely life-like surface sensations.

Key features

- Scan sizes up to 42 × 60 × 5.1"
- Versatile 3D surface effect, including four options for different angles of lighting
- Up to 1200 dpi high optical resolution
- Complies with FADGI (4 stars) and ISO 19264-1
- Energy Star 3.0 certified
- ICC Color Management is powered by X-Rite®
- Includes closed loop calibration (CLC) to pair your scanned input with your printer

DIGITIZE VARIOUS MATERIALS AND SURFACES



Cameras and light

Achieving perfect lighting is crucial for capturing the essence of your originals. SmartLF ivo 6000's advanced lighting system recreates the natural daylight spectrum using cutting-edge LEDs with TRI-R™ technology. The clever design of dual LED strips mounted in two elliptical reflectors guarantees correct and uniform colors with no distance fading and no ambient light interference.

Four different lamp positions

A two-position lamp lever on each side of the scan module gives a total of four different lamp positions. This way you can test which light combination is better for successfully scanning your particular type of original.



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