

THE FLEXTIGHT PRECISION II

Unique virtual Flextight drum technology
without glass distortion — direct-to-lens concept,
gives you unbeaten high fidelity color output



Reproduction quality scanners on your desktop will save you hours and increase your profitability! This has been the statement from conventional scanner manufacturers for almost a decade. But not until Imacon realised the Flextight Technology did this become true. By means of extremely high quality and unbeatable ease-of-use, the Flextight Precision II enables even the unskilled scanner operator to make perfect scans within one hour after installation. Thousands of users in the photographic, professional publishing and pre-press industries benefit every day from the patented Flextight Technology. Flextight Technology uses a magnetic frame that holds your original firmly (positive or negative 35mm to 12x17cm), automatically feeds it into the scanner and flexes it around a virtual drum. By completely avoiding the use of glass, gel and anti-Newton spray, you get the sharpest and most detailed scans ever seen on a CCD scanner. The Flextight Precision II truly brings reproduction quality scanning to the desktop—and will save you hours and increase your profitability.

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Features

Unique Vertical Form Factor
Flextight Magnetic Original Holder
Internal Rotating Drum
Handy Built-in Light Table
Adaptive Light Control
Intelligent Color Calibration
14-Bit Preview and Scanning
Direct Analog to Digital Conversion
Format-Specific Optic Zooming
External Power Supply
Monitor Calibration

Benefits

Eliminates complicated moving optic systems, occupies less desk space.
Enables one-step scanning. Eliminates glass, gel or powder between light source and lens.
Holds the original completely straight, flat and in focus.
Grid enables perfect original alignment before you scan, saving rotation time later.
Scan overly dark or difficult images with full density range.
Optimized ICC profile for color automatic accuracy and noise minimalization.
Preserves 14-bit preview in memory for optional full-resolution scanning.
Space-age DADC technology enables up to 16,000 levels of color in each channel.
Maximizes sharpness and focuses the full CCD resolution on the of original.
Moves heat and electronic activity that can cause electrical noise OUTSIDE the scanner.
Ensures that the image on your screen matches the final print.

a true revolution in color scanning

THE FLEXTIGHT PRECISION II

The Imacon Flextight Precision II is a radical new approach to color scanning that is revolutionizing the scanner industry. With the advent of Flextight Technology (FTT), Imacon's Flextight Precision II sets the standard for an entirely new category of "CCD Drum Scanner" providing an AWARD WINNING combination of superior image quality and high productivity never before seen in its price segment.

Optic Sensor

CCD single-pass scanner (3x8000 pixels)

Input Types

Transparencies: from 35mm to 12x17 cm (single original and strips). Reflectives (≤ 1 mm thick): up to 220 x 310mm (A4 over-size). Supports positives and negatives, color, greyscale and line art

Software

ColorFlex™ stand-alone for MacOS™, Windows 95™, Windows 98™ and Windows NT™ with image sharpening (USM), color gradation (RGB, R, G, B, C, M, Y), cropping/sizing, Dmin/Dmax, autorange, interpolation, selective color correction, standard "artificial intelligence" settings, load and save settings. Full ColorSync™ compliance with standard and custom ICC profiles and profile editor.

Monitor Calibration

A complete guide for ensuring that the image on your screen matches the final print.

Scan Modes

Color (24-, 48-bit RGB & 32-bit CMYK), greyscale and line art. Batch scanning and batch image processing

True Optical Resolution

From 72 to 5760 dpi 20% to 2400% magnification

Image Quality

14-bits/color, 42-bit RGB, 56-bit CMYK

Interface

Standard SCSI to PC and Macintosh

Density Range

3.9D (4.1 Dmax)

Weight and Dimensions

320 x 345 x 635 mm, 13,5 kg, (12.6" x 13.9" x 24", 36.5 lbs.)

Electrical

100 - 240 V, 50-60 Hz.

Approvals

CE, UL/CUL, CCA, CB, D, FCC



That's how easy it is

Position your transparent or reflective original on the built-in light table in the patented Flextight original holder. The original holder puts nothing between the original and the CCD, avoiding distortions and preserving sharpness. The CCD remains completely stationary for the entire scan duration. The original is rolled past the optics above on a rotating internal drum, eliminating color flaring and registration errors. With unbeatable low prep time (5 second

pre-scan, and a fast final scan), productivity is boosted to an average of 15 images per hour.

ColorFlex The application software features automatic image analysis, which makes creating a print-ready scan almost as easy as operating a photocopier. Optimized ICC profiles offer you maximum color accuracy automatically with the fully integrated ColorSync/ICM color management system. And for your most challenging originals, it also

includes all of the controls an expert needs to fine-tune and customize performance.

Trust your eyes ColorFlex preserves all 14 bits in memory when displaying the preview image. This means that your highlight, shadow, and gradation settings will be accurately represented in the preview while you are preparing for your final scan.

Built-in intelligence To utilize its full dynamic range, Flextight Precision II automatically adapts its light source to match each original. This allows you to scan images that were never before possible in terms of highlight and shadow details.

The Flextight Precision II is able to scan the simplest to the most difficult originals without making compromises. By scanning 35mm transparencies up to 5760 dpi and letter-size reflective originals at 700 dpi, you can create crisp enlargements of up to 2400%.

Calibrate your monitor Flextight Precision II ships with a proven monitor calibration system, which ensures that even a complete novice can produce repro quality (and color accurate CMYK) output like a seasoned professional.

Vertical Form Factor

The Flextight Precision II looks unique because it IS unique. The vertical form factor eliminates the use of mirrors that can cause image distortion and occupies less desk space than most drum or flatbed scanners.

Non-Reflective Interior

The interior of the Flextight Precision II is designed to completely eliminate all internal reflections, ensuring that light is strictly controlled for maximum image sharpness and color accuracy without risk of interference.

Flextight Original Holder

Holds your original firmly between two magnetic layers, enabling Flextight Precision II to automatically feed, scan and eject your original with the single click of a mouse.

Built-in Light Table

Printed grid helps you to align your image precisely in the holder BEFORE YOU SCAN so you can avoid having to rotate it later in software.

Direct-to-Lens Imaging

Most flatbed scanners use a complicated system of mirrors between the image and the lens. Flextight's unique form eliminates distortion by enabling a direct line-of-sight to the lens.

Adaptive Light Control

The Flextight Precision II includes an adaptive light source, which makes it possible to scan even your darkest originals without sacrificing density range or introducing extra noise.

Virtual Drum

By bending the original, Flextight Precision II holds the original completely straight, flat and in focus—eliminating inaccuracies that can cause registration errors and color flaring.



Flextight Precision is based upon award winning Flextight Technology