

FlexTight
PRECISION

THE REVOLUTION HAS BEGUN!

imacon

Introducing The FlexTight Precision CCD Drum Scanner...

A TRUE REVOLUTION IN COLOR SCANNING.

The FlexTight™ Precision is a radical new approach to scanning that combines the extraordinary image quality of a high end drum scanner with the ease-of-use of a flatbed — presented in a unique vertical form that occupies less desk space than either one. The basis for this new approach is all-new **FlexTight Technology (FTT)** — which uses a patented magnetic frame to firmly hold your original, automatically feeds it into the scanner and flexes it around an internal rotating drum. Once inside, the image is scanned directly to the lens above — without the use of prisms or

mirrors. This "Direct-to-Lens" imaging virtually eliminates the possibility of visual noise and distortion found in flatbeds while ensuring the "line of sight" is kept completely straight and constantly in focus. And, unlike drum scanners, the FlexTight Precision avoids the need for foreign matter such as glass, gel and anti-Newton spray between the light source and the imaging lens, resulting in improved detail, sharpness and higher image quality — while at the same time increasing productivity by saving you prep and clean-up time.

Vertical Form Factor

The FlexTight Precision looks unique because it is unique. 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 is designed to completely eliminate all internal reflections, ensuring that light is strictly controlled for maximum image sharpness and color accuracy without chance of interference.

FlexTight Original Holder

Holds your original firmly between 2 magnetic layers — enabling FlexTight to automatically feed, scan and eject your original with the single click of a mouse.

Built-in Light Table

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

Direct-to Lens Imaging

Most flatbed scanners rely on a complicated system of mirrors to project the image to the lens. FlexTight's unique form eliminates distortion by enabling a direct "line-of-sight" to the lens.

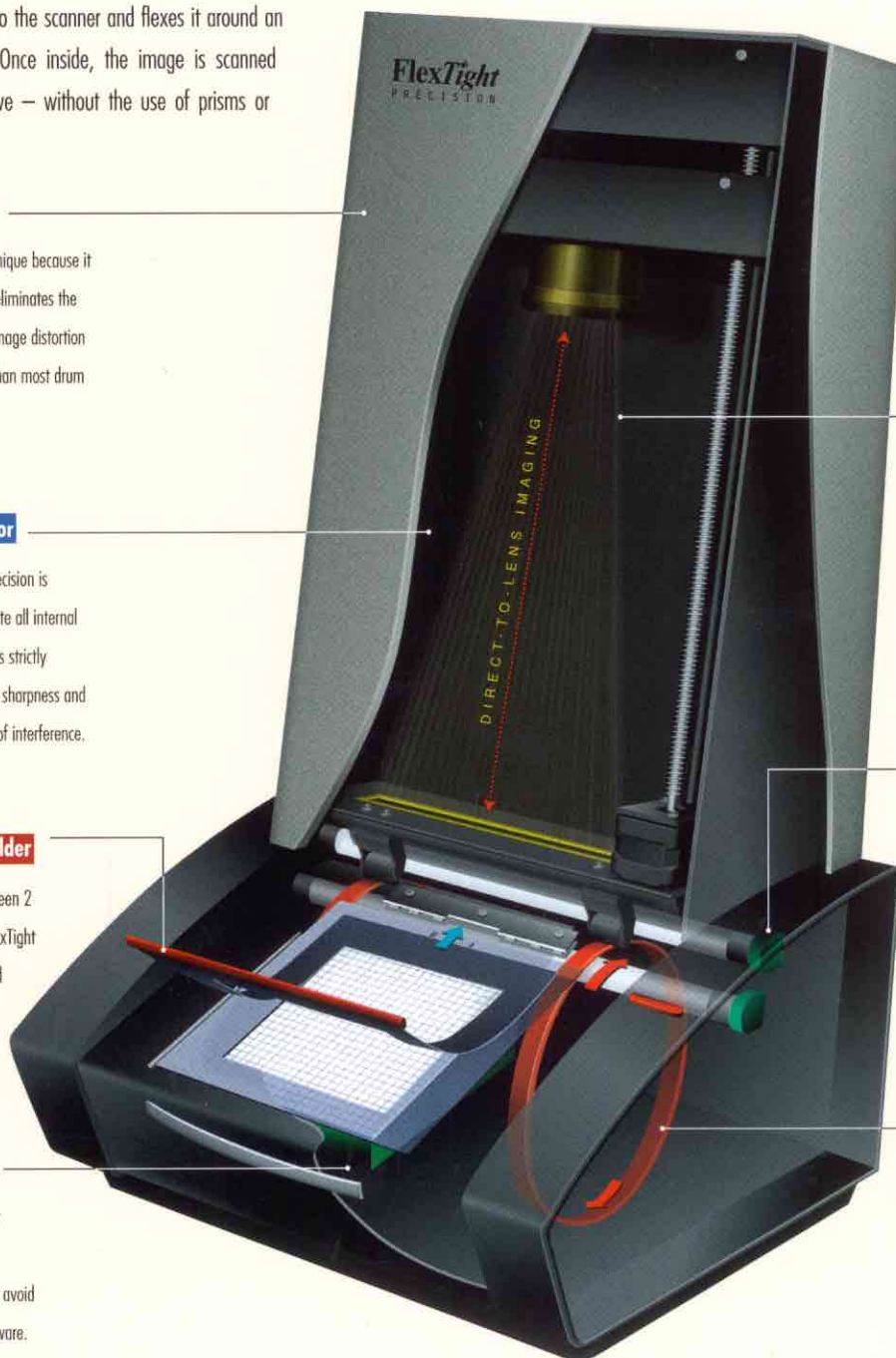


Adaptive Light Control

The FlexTight Precision is the first scanner to include an adaptive light source — making it possible to scan even your darkest originals without sacrificing density range or introducing extra noise — impossible with any previous scanner.

Internal Rotating Drum

By bending the original, FlexTight holds the "line of sight" to the lens completely straight, flat and in focus — eliminating inaccuracies that can cause registration errors and color flaring.





Easy to Use ► Just line up your transparent or reflective original on the built-in light table and close the magnetic FlexTight holder. Simply click your mouse and the holder is automatically fed into the scanner as your original is scanned. With an unbeatably low prep time (5 second pre-scan, and a fast final scan), productivity is boosted to an average of 15 images per hour. Since no glass plates, gel or tape are used, no clean-up is required after scanning - saving even more time.

Intelligent Software ► ColorFlex software features automatic image analysis which make creating a print-ready scan almost as easy as operating a photocopier. Optimized ICC profile gives you maximum color accuracy automatically with Apple Computer's ColorSync 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. Custom ICC profiles are also available for precise color matching.

Adaptive Light Source ► FlexTight Precision is the first scanner ever to include an adaptive light source, enabling you to implement a true highlight point. Most scanners use a software-only highlight setting, which causes all image data to be stretched up to a new highlight point and amplifies noise without improving shadow details. FlexTight Precision actually adapts its light source to match each original and automatically suggests the required light level, so it can utilize its full dynamic range to capture all shadow details and preserve color fidelity throughout the image - allowing you to scan images that were never before possible.

Built In Precision ► FlexTight's optics zoom in for each individual scanning format to maximize image sharpness and focus the full CCD resolution on the width of each original. High-quality optics and precision alignment combine to create the sharpest scans possible. The FlexTight holder puts nothing

between the original and the image sensor, avoiding distortions and preserving sharpness. FlexTight Precision's CCD remains completely stationary for the entire scan duration while the original is rolled past the optics above on a rotating internal drum, eliminating color flaring and registration errors.

Extreme Versatility ► The FlexTight Precision is able to scan the simplest to the most difficult originals without making compromises. By scanning 35mm transparencies up to 4800 dpi and letter-size reflective originals at 700 dpi, you can create crisp enlargements of up to 2000%. Included are FlexTight original holders for a wide variety of standard formats. Custom sizes are also available.



Advanced Electronics ► Using high frequency analog technology previously used for radar landing systems on aircraft carriers, Imacon has developed a new electronic principle called **Direct Analog to Digital Conversion [DADC]**. The critical noise-sensitive analog channel is kept as short as possible, resulting in a 14-bit scan that has 16,000 levels of color in each channel. This high density range is a prerequisite for scanning difficult transparencies, which can contain more than 10,000 color levels. And, unlike most scanners, the FlexTight software 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. Furthermore, you have the option to preserve all 14 bits in your final image, so you can use the full color information when working in Photoshop and/or in the Lab color space.

FlexTight Precision Is For All Imaging Professionals:

Photographers — experts at judging image quality — can utilize the FlexTight Precision even without extensive prior scanning experience.

Graphic Artists — who need scans for layout and final art — can skip a step and produce scans onsite for both purposes.

Newspaper Publishers — who meet impossible deadlines every day — can decentralize scanning for better economy of scale.

In-House Publishers — who create catalogs and collateral for large firms — can decrease costs and improve their production cycle.

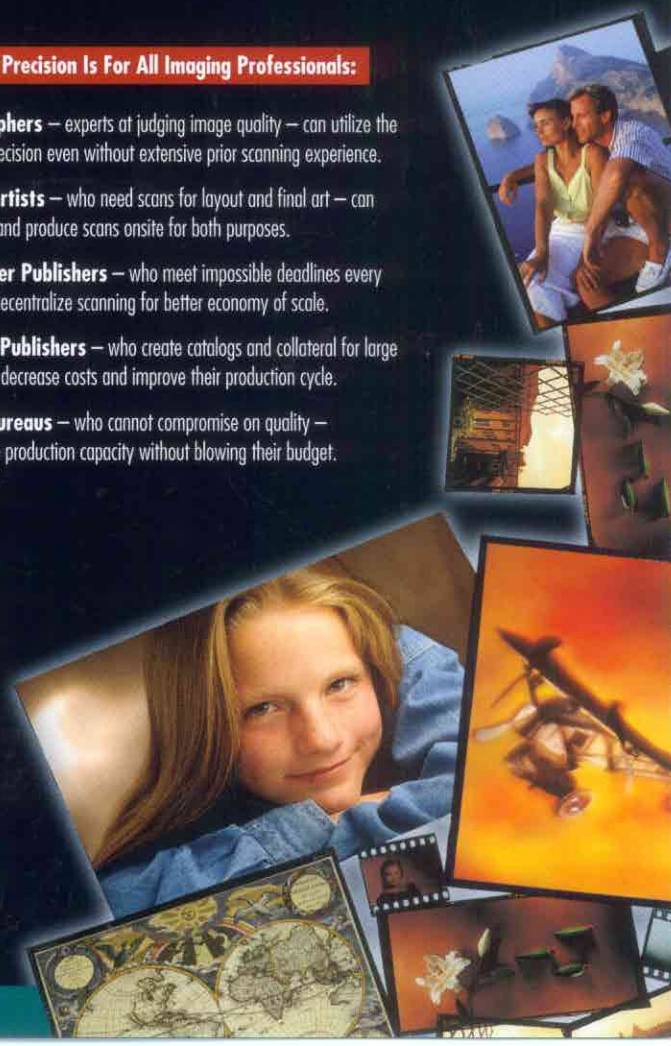
Service Bureaus — who cannot compromise on quality — can increase production capacity without blowing their budget.

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 PREVIEWS & SCANNING
- DIRECT ANALOG TO DIGITAL CONVERSION
- FORMAT-SPECIFIC OPTIC ZOOMING
- EXTERNAL POWER SUPPLY

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 line of sight from original to lens 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 accuracy and minimum noise automatically.
- Preserves 14-bit preview in memory for optional full-resolution scanning.
- Spaceage DADC technology enables up to 16,000 levels of color in each channel.
- Maximizes sharpness and focuses the full CCD resolution on width of original.
- Moves heat and electronic activity that can cause electrical noise OUTSIDE the scanner.



The Imacon FlexTight Precision 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 sets the standard for an entirely new category of "CCD Drum Scanner" providing a winning combination of superior image quality and high productivity never before seen in it's price segment.

FLEXTIGHT PRECISION PRODUCT SPECIFICATIONS

Optic Sensor	CCD Single pass (3x6000 pixels)
Scanning Sizes	Transparencies: from 35mm to 4x5 inches (single original and strips) Reflectives (1mm thick): up to 8.5 x 12" (A4 oversize) Positive and negatives, in color, grayscale and line art
Software	ColorFlex stand-alone for MacOS™ and Windows™ with Image sharpening (USM), color gradation cropping/size, Dmin/Dmax, autorange, interpolation, selective color correction, standard "artificial intelligence" settings, load and save image settings.
Scan Modes	Color (RGB-24,48 bit & CMYK-32 bit), grayscale and line art, TIFF Batch scanning / Batch image processing
Resolution	From 72 to 4800 dpi, True Optical @ 20% to 2,000% magnification
Image Quality	14 bit A/D 0~3.9 Dmax.
Interface	Standard SCSI
Size & Weight	9.7" x 13.8" x 25.6", 27 lbs.
Electrical	100 - 240 V, 50-60 Hz.



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