

THE FLEXTIGHT PROGRESSION

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



The growing popularity of A3 flatbed scanners has generated a demand for easy-to-use scanners with drum-scanner quality. When mounting an original between glass plates, regardless of whether it is a transparency or reflective, you risk not only the unwanted Newton rings, but also light distortion and loss of sharpness. Conventional solutions to these problems include tape, gel, oil or retouch. This gap is now being filled by revolutionary new scanner technology from Imacon. By combining the award-winning Flextight™ technology (glass-free scanning by means of flexible original holders) and an electrostatic A3 flatbed for reflectives, the Flextight Progression™ is the first A3 flatbed to completely avoid the use of glass, gel and tape, thereby giving maximum sharpness for both transparencies and reflectives.

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Features

Unique Electrostatic Flatbed
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
Monitor Calibration

Benefits

Eliminates glass, gel and tape for reflective scanning.
Enables one-step scanning. Eliminates glass, gel or oil 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 automatic color accuracy and minimum noise.
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 width of the original.
Ensures that the scan matches the final print.

a true revolution in color scanning

THE FLEXTIGHT PROGRESSION

Imacon has revolutionized the scanner industry with its Flextight technology and set new standards for price/performance. The Flextight Progression is the first A3 scanner for professionals that combines the A3 electrostatic flatbed with the Flextight original holder, enabling no-glass scanning of all originals—transparencies as well as reflectives.

Optic Sensor

CCD Single pass scanner (3x8000 pixels).

Input Types

Flatbed: Up to 312 x 455, 10mm thick. Flextight Original holders: Transparencies from 35mm to 12x17 cm, positives and negatives in color and B/W.

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™ & ICM compliance with standard and custom ICC profiles and profile editor.

Monitor Calibration

A complete guide to ensure that the scan matches the final print.

Scan Modes

Color (RGB-24,48 bit), color (CMYK-32 bit), greyscale and line art, TIFF, batch scanning and batch image processing

True Optical Resolution

From 72 to 5760 dpi 20% to 2400% magnification using Flextight original holders. 640 dpi (entire bed) to 3200 dpi (down the center) on the flatbed

Image Quality

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

Interface

Standard SCSI to PC and Macintosh - Standard TIFF RGB or CMYK

Density Range

3.9D (4.1 Dmax)

Weight and Dimensions

500 x 790 x 360 mm, 35 kg, (19.7" x 31.1" x 14.2", 77 lbs.)

Electrical

100 - 240 V, 50-60 Hz.

Approvals

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



Electrostatic A3 Flatbed Electrostatic A3 Flatbed The unique electrostatic A3 flatbed mounts virtually any reflective without requiring a glass plate or anti-Newton spray, thus avoiding the distortions normally found on conventional flatbed scanners. By minimizing the use of mirrors between the light source and the high-quality lens, detail, sharpness and overall image quality are dramatically improved. And you can be even more productive because you no longer need all the time-consuming preparation and cleaning.

Flextight original holders The unique, well-proven and award-winning Flextight Technology (FTT) implemented in the Flextight Progression

uses a patented magnetic Flextight Original Holder to firmly hold your negative or positive transparency and automatically feed them into the scanner. Once inside, they are flexed around a virtual drum and scanned directly through the (Rodenstock) lens to the 8000 pixel element CCD—without the use of prisms or mirrors. The Flextight Progression offers up to 5760-dpi true optical resolution.

Trust your eyes Flextight original holders The use of the Flextight Technology makes the Flextight Progression one of the most productive scanners to operate—even for the novice. The Flextight Progression comes with the Imacon monitor cali-

bration guide to ensure that what you see on the monitor is actually what you will be getting in the final print.

Intelligent Software As with all Flextight scanners, the ColorFlex™ software controls the Flextight Progression. ColorFlex features automatic image analysis, which makes creating a print-ready scan almost as easy as operating a photocopier. The optimized ICC profiles offer you maximum color accuracy automatically with the fully integrated ColorSync color management system. And for the most challenging originals, it also includes all of the controls that expert needs to fine-tune and customize performance. You can edit your own profiles to fine-tune the scanner to match exactly your environment.

Batch scanning The A3 electrostatic flatbed offers a perfect opportunity for batch scanning your reflectives, and with the light table for transparencies, you can mount and scan up to 3200 dpi on the bed.

Adaptive Light Source Where conventional scanners typically try to compensate for under-exposed images by stressing the electronics, the Flextight Progression has the ability to automatically increase the light. Now, because of this adaptive light source, the Flextight Progression will scan even the darkest original at the optimum lighting conditions and thus prevent the electronic noise.

Non-Reflective Interior

The interior of the Flextight Progression 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.

Horizontal Form Factor

The Flextight Progression looks unique because it IS. Horizontal form factor eliminates the use of mirrors that can cause image distortion.

Virtual Drum

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

Adaptive Light Control

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.

Built-in Light Table

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.

Electrostatic A3 Flatbed

By using the electrostatic table, reflectives can be held completely flat without the use of glass plates. However, glass plates can still be used to scan large-format transparencies or batches of transparencies without hassle.



Flextight Precision is based upon award winning Flextight Technology