

ArtixScan™ 2500



Dual-lens, dual-platen,
high-resolution film
& reflective scanner

ALL-IN-ONE SCANNING SOLUTION

DUAL-LENS OPTICS AND WITH DUAL-PLATEN SCANNING SURFACES MAKE THIS HIGH-RESOLUTION SCANNER A PRODUCTION WORKHORSE. THE 36-BIT ARTIXSCAN 2500 SCANS ORIGINALS AS SMALL AS 35MM SLIDES TO REFLECTIVE ARTWORK UP TO 8" X 14". THE AS2500 IS VERSATILE ENOUGH TO SCAN A4 ORIGINALS AT UP TO 1250 DPI OPTICAL RESOLUTION OR OTHER FILM OR REFLECTIVE ART AT OPTICAL RESOLUTIONS UP TO 2500 DPI IN A 4" WIDE BAND RUNNING THE LENGTH OF BOTH SCANBEDS. INCLUDED WITH THIS SCANNER ARE GLASS-FREE TRANSPARENCY HOLDERS TO ENSURE THAT ONLY THE ORIGINAL IMAGE IS CAPTURED AND NOT THE UNWELCOME ARTIFACTS INTRODUCED BY GLASS.

FEATURES

- 36-Bit Color Depth
- 1250 dpi Optical Resolution (entire scanbed)
- 2500 dpi Optical Resolution (High-Resolution area)
- 3.4 Dmax
- Independent scan beds for high-quality reflective and transparency scanning
- Templates for standard film formats
- ScanWizard Pro™ scanning software
- Kodak® Digital Science™ color management software and Kodak® Q60 reflective and transparency calibration targets

MICROTEK
Better Images Through Innovation

SPECIFICATIONS

Scanner Type:
Single-pass, dual-platen color flatbed

Originals Supported:
Reflective up to 8"x14"
Transparencies up to 8" x 10"

Sensor Type:
Tri-linear RGB CCD, 10,000-elements/array

Illumination:
• Lamp: Cold cathode fluorescent.
• Lamp lifetime: 6,000 continuous hours

Interface:
Full SCSI-2

Bit Depth:
• Color — 36-bit or 24-bit
• Grayscale — 12-bit or 8-bit
• Line Art — 1-bit

Sample Depth:
12-bits per color — 36-bit color

Dynamic Range:
Reflective: 3.0 Dmax
Transparency: 3.4 Dmax

Data Transfer Rate:
2 Mbytes/second

Scanning Speed*:
• Preview speed 25 seconds
• 13 msec/line full color
• 50 sec for 4" x 5" at 1000 ppi
• 120 sec for A4 color at 100 ppi
* Scanning times may depend on user host specifications

Auto-Calibration:
Triple DSP w/software control

Maximum Interpolated Resolution:
5000 dpi

Maximum Optical Resolution:
2500 dpi

Environment:
• Temperature: 50-104° F (10-40° C)
• Humidity: 10% to 85% RH

Regulatory Certification Compliance:
• Safety: UL 1950, CSA 22.2, EN60950
• Emissions: FCC Class B
• Acoustics: 55 dBA max. per ISO 7779

Dimensions and Weight:
• 17.2"(W) x 25.8"(L) x 9.1"(H)
• Weight: 46.3 lbs.

Power Requirement:
• Auto-switching Universal Power Supply
• Min./ Max. Voltage: 95 to 254 VAC
• Frequency: 50 Hz to 60 Hz. 110/240V



ArtixScan™ 2500

INNOVATIVE, FLEXIBLE DESIGN

Engineered to meet the production needs of digital imaging professionals, the ArtixScan 2500 features Microtek's patented Dual-Platen design allowing users to switch quickly and easily between transparent and reflective originals.

This innovative design rotates mirrors instead of lenses for platen transition to minimize lens adjustment and focus problems caused by excessive lens movement. The AS2500 package includes four interchangeable glassless batch scan transparency holders eliminating unwelcome image artifacts such as Newton rings - often introduced by glass beds. An 8" x 10" glass holder is also included for larger or non-standard film formats.



CMYK, LAB, RGB or indexed color. It features full dynamic range control, batch scanning, and multiple channel curve control. Specific areas in overviews or prescans can be isolated and tagged with instant read-outs of RGB or CMYK color values for more precise mapping to originals.

Includes Kodak® Digital Science™ color management software with a number of ICC profiles for calibrating to specific displays, output devices and working color spaces.

AFFORDABLE, QUALITY IMAGING

The ArtixScan™ 2500 offers an impressive range of scanning possibilities for graphic artists and pre-press professionals. Achieve crisp, accurate reproductions with density detection to 3.4D and optical resolutions up to 2,500 dpi. In this one package, imaging professionals have everything they need to scan film as small as 35mm to reflective artwork as large as 8" x 14". Images are exposed by high-intensity, long-life, cold cathode lamps that emit evenly dispersed, consistent light ensuring exceptional quality scans.

SCANWIZARD™ PRO

With Microtek's ScanWizard™ Pro, the ArtixScan 2500 provides a complete scanning solution for novice and expert users alike. Featuring a full palette of high-level color reproduction tools, on-screen proofing, easy-to-use color correction with auto levels and numerous preset options for the less experienced user and quantitative feedback in a variety of device independent (LCH) or device dependent color spaces (RGB, CMYK). Full color management support for ICC profiled devices ensures compatibility with third-party color output systems. Microtek's ScanWizard Pro scanning software lets anyone on the production team create customized batch context files and scan directly to



FEATURES:

- 1250 and 2500 dpi optical resolutions
- High quality, custom ground lenses
- 3.4(transparency) Dmax optical density
- Self-calibrating lamp
- 10,000 element tri-linear array CCD
- Single-pass
- Batch scanning
- 2MB/second transmission speed
- Removable lid for scanning 3D objects

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