

ArtixScan™ 1100

The most complete solution for
imaging professionals



REDEFINING IMAGING STANDARDS

STATE OF THE ART OPTICS MEET INTELLIGENT PRODUCTIVITY DESIGN IN A TRULY AFFORDABLE DESKTOP SCANNING PACKAGE. THE 42-BIT ARTIXSCAN 1100™ COMBINES AN IMPRESSIVE 3.9 DMAX AND UP TO 1000 x 2000 OPTICAL DPI RESULTING IN AMAZINGLY SHARP, DETAILED IMAGE CAPTURE FOR THE DEMANDING STANDARDS OF PRE-PRESS SERVICE BUREAU ENVIRONMENTS. MICROTEK'S PATENTED DUAL PLATEN DESIGN ACCOMMODATES A VARIETY OF REFLECTIVE AND TRANSPARENT ORIGINAL FORMATS AND FEATURES GLASS-FREE TRANSPARENCY HOLDERS TO ENSURE THAT ONLY THE ORIGINAL IMAGE IS CAPTURED AND NOT THE UNWELCOME ARTIFACTS INTRODUCED BY GLASS.

FEATURES

- True 42-Bit Color Depth
- 1000 x 2000 dpi Optical Resolution
- 3.9 Dynamic Range
- Independent scan beds for high-quality reflective and transparent scanning
- Templates for standard film formats
- ScanWizard Pro™ 6 scanning software
- Kodak® Digital Science™ color management software and Kodak® Q60 reflective and transparency calibration targets
- Optional software available – ColorQuartet™ for Microtek

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Better Images Through Innovation

SPECIFICATIONS

Scanner Type:

Single-pass, dual-platen color flatbed

Originals Supported:

Reflective and transparent originals from 35mm to 8" x 10" (film) up to 8"x14" (reflective)

Sensor Type:

Tri-linear RGB CCD, 8000-elements/array

Illumination:

- Lamp: Cold cathode fluorescent.
- Lamp lifetime: 6000 continuous hours

Interface:

Full SCSI-2 with 14-bit read out option

Bit Depth:

- Color — 42-bit or 24-bit
- Grayscale — 14-bit or 8-bit
- Line Art — 1-bit

Sample Depth:

14-bits per color — 42-bit color

Dynamic Range:

Reflective: 3.0 Dmax
Transparent: 3.9 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 vary depending on cpu speed, RAM, etc.

Auto-Calibration:

Triple DSP w/software control

Maximum Interpolated Resolution:

8000 dpi

Maximum Optical Resolution:

1000 dpi

Environment:

- Temperature: 50-104° F (10-40° C)
- Humidity: 10% to 85% RH
- Max. Operating Alt.: 10,000 ft. (3,048m)

Regulatory Certification Compliance:

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

Dimensions and Weight:

- W20 x L29 x H13.5 inches
- Weight: Approximately 45 lbs

Power Requirement:

- Auto-switching Universal Power Supply
- Min./ Max. Voltage: 95 to 254 VAC
- Frequency: 50 Hz to 60 Hz. 110/240V
- Max. Power Consumption: 200 Watts

For sales information or dealer inquiries, contact:

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For additional product information visit:

www.microtekusa.com or www.microtek.com



Affordable, Quality Imaging

The ArtixScan™ 1100 offers an impressive range of scanning capabilities for graphic artists and pre-press professionals. Achieve crisp, accurate reproductions with density detection to 3.9D and optical resolutions of 1,000 x 2,000 dpi. Microtek's custom ground lens features Modulation Transfer Functions (MTFs) 20-30% higher than similar products on the market. Images are exposed by high-intensity, long-life, cold cathode lamps that emit evenly dispersed, consistent light ensuring exceptional quality scans from original reflective and transparent images ranging in size from 8" x 14" to 35mm transparencies.

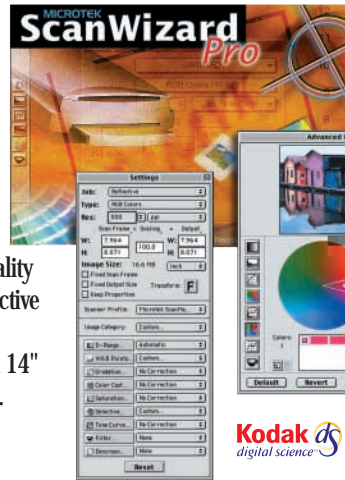


Image Quality Features:

- 1000 dpi optical resolution
- High quality, custom ground lenses
- 3.9 transparency Dmax optical density
- Self-calibrating lamp
- 8000 element tri-linear array CCD

Innovative, Flexible Design

Engineered to meet the production needs of design and publishing professionals, the ArtixScan 1100 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 damage and focus problems caused by excessive lens movement. The AS1100 package includes four interchangeable glassless batch scan transparency holders eliminate 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. These, and many more outstanding features allow the ArtixScan 1100 scanner to re-define the standards of affordable graphic arts scanning technology.

Productivity Features

- Fast, single-pass scanning
- Batch scanning
- 2MB/second transmission speed
- Removable lid for scanning 3D objects

A Winning Combination

With Microtek's ScanWizard™ Pro, the ArtixScan 1100 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 level 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 CMYK, IAB, 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.

Optional Software Available

For an additional cost, ColorQuartet for Microtek is available from Microtek or from your dealer. ColorQuartet features extensive workflow and job management functions provide multi-user/multi-platform batch scan capability, perfect for small to mid-size office environments.



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