

ArtixScan™ 2020



The scanning solution for
image production
workflow

MAXIMIZE VERSATILITY. MINIMIZE EFFORT.

THE ARTIXSCAN 2020 IS A COMPLETE SCANNING SYSTEM FOR IMAGING PROFESSIONALS IN DEMANDING PRODUCTION ENVIRONMENTS. WITH ITS 3.4D MAXIMUM DENSITY AND TRUE 36-BIT COLOR DEPTH, THE AS2020 REPRODUCES VIVID, ACCURATE COLOR WITH EXCEPTIONAL SHADOW AND HIGHLIGHT DETAIL. THE INNOVATIVE, PATENTED DESIGN ON THIS A3+ SIZE SCANNER FEATURES DUAL-PLATEN AND DUAL-LENS TECHNOLOGIES; A 4" WIDE HIGH-RESOLUTION AREA ACROSS THE FRONT OF THE SCANNER (AT UP TO 2000 DPI OPTICAL), AS WELL AS 667 DPI OPTICAL RESOLUTION ACROSS THE ENTIRE BED. RELIABLE PERFORMANCE AND QUALITY IMAGES MAKE THE AS2020 AN ESSENTIAL IMAGING DEVICE.

FEATURES

- User-selectable dual-lens technology — 667 dpi and 2000 dpi optical resolutions
- Independent scan beds for high quality reflective and transparent scanning
- 12" x 18" (reflective) and 9.5" x 12" (transparency) scan frames
- Full 36-bit color depth
- Templates for standard film formats
- ScanWizard™ Pro scanning software
- Kodak® Digital Science™ color management software and Kodak® Q60 reflective and transparency calibration targets

SPECIFICATIONS

Scanner Type:

Single-pass, dual-platen color flatbed

Originals Supported:

Reflective and transparent originals from 35mm to 12"x18"

Sensor Type:

Tri-linear RGB CCD, 8,000-elements/array

Illumination:

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

Interface :

Full SCSI-2

Bit Depth:

- Color - 24 or 36 bit
- Grayscale - 8 or 12 bit
- Line Art - 1 bit

Sample Depth:

12 bits per color - 36 bit color

Dynamic Range:

Reflective: 2.8 Dmax
Transparency: 3.4 Dmax

Data Transfer Rate:

2 Mbytes/second.

Scanning Speed*:

- Preview speed 25 sec (A3 area)
- 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

Max. Interpolated Resolution:

4000 dpi

Max. Optical Resolution:

2000 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:

- 19.4"(W) x 28.9"(L) x 9.4"(H)
- Weight: 57.3 lbs.

Power Requirement :

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

For sales information or dealer inquiries, contact:

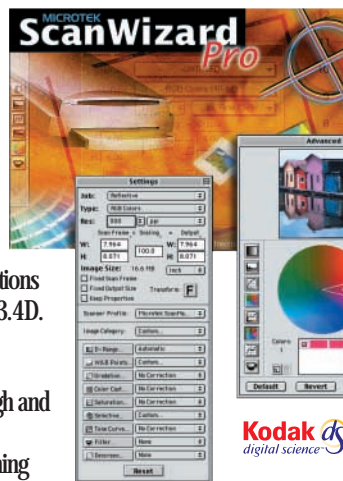
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For additional product information visit:
www.microtekusa.com or www.microtek.com



AFFORDABLE, QUALITY IMAGING

The ArtixScan™ 2020 offers an impressive range of scanning capabilities especially for graphic designers, art directors or other pre-press production teams. This dual-lens scanner achieves exceptional quality scans from original images ranging in size and media from large reflective artwork (up to 12" x 18") to as small as 35mm transparencies intended for page size reproductions. Achieve crisp, accurate reproductions with density detection to 3.4D.



PRODUCTIVITY FEATURES

- Separate lenses for high and low resolutions
- Fast, single-pass scanning
- Batch scanning
- Removable lid for scanning 3D objects
- 2MB/second transmission speed

INNOVATIVE DESIGN

The unique, Microtek patented dual-platen design enables transparency scanning directly from the surface of film and incorporates rotating mirrors for platen transition, thus minimizing lens adjustment and focus problems caused by excessive lens movement. Switching between reflective and transparency modes takes as little as 15 seconds. Images are exposed by high-intensity, long-life, cold cathode lamps that emit evenly dispersed and consistent light. Engineered to meet the production needs of design, publishing and other pre-press professionals, the ArtixScan 2020 package includes four inter-changeable glassless batch scan transparency holders (for 35mm mounted slides and 35mm filmstrips, 6 x 9 cm and 4" x 5" film). Film is held securely in each holder eliminating image artifacts such as Newton rings. A 9.5" x 12" glass holder for larger film (or any combination of smaller film formats) is also included.

IMAGE QUALITY FEATURES:

- 667 or 2,000 dpi optical resolution
- High quality, custom ground lenses
- 3.4 (transparency) Dmax optical density
- Self-calibrating lamp
- 8,000 element tri-linear array CCD

A WINNING COMBINATION

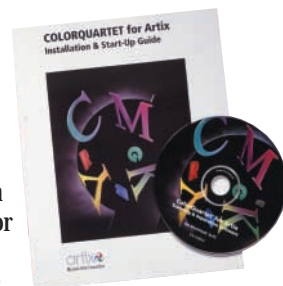
With its professional prepress software package, the ArtixScan 2020 provides a complete scanning solution for novice and expert users alike. Featuring a full palette of high-level color reproduction tools, on-screen proofing, easy-to-use color correction with auto levels and numerous preset options



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 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.

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.



MICROTEK
Better Images Through Innovation