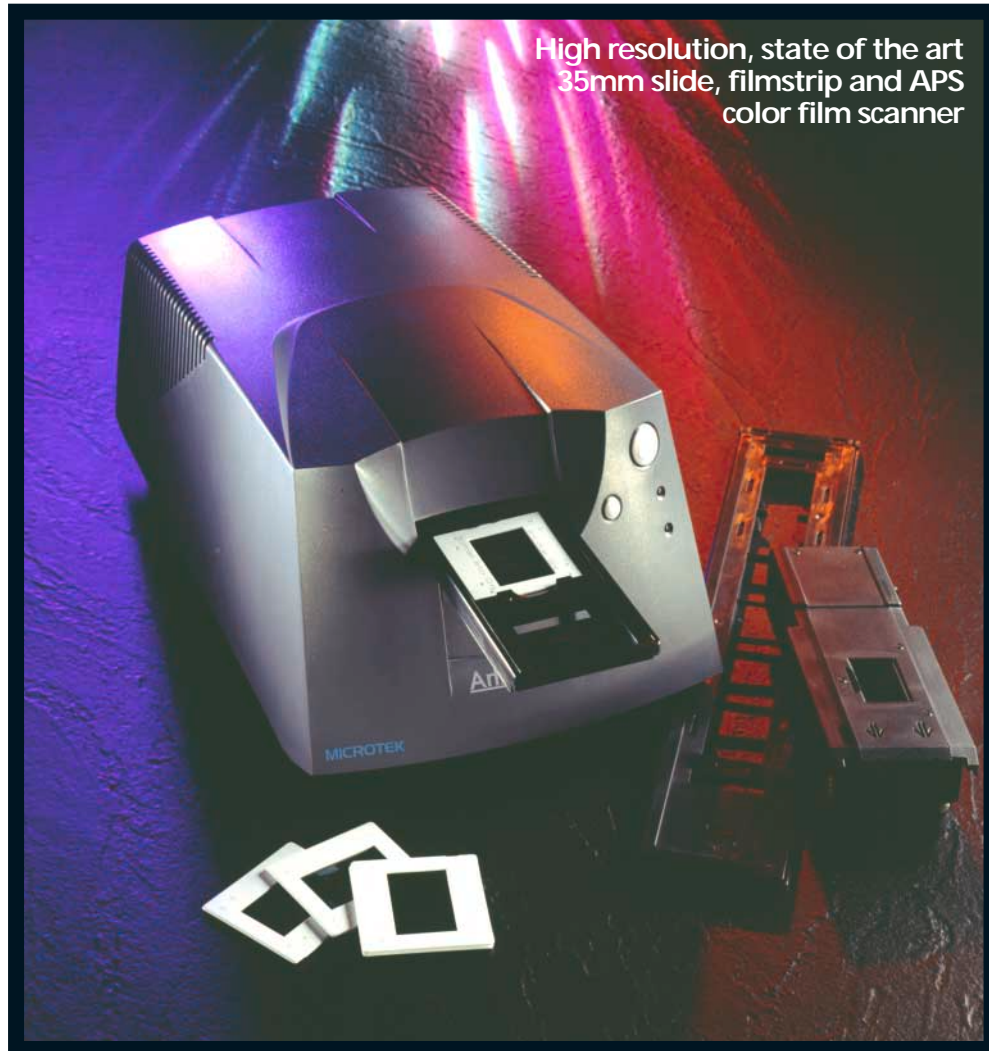


ArtixScan™ 4000t



EXCEEDING ALL EXPECTATIONS

THE AS4000T DEFINES A NEW STANDARD IN TRANSPARENCY IMAGING QUALITY. WITH UP TO 4000 DPI OPTICAL AND 8000 DPI INTERPOLATED RESOLUTIONS. CAPTURING OVER TWICE AS MANY PIXELS AS ITS COMPETITORS, THE AS4000T ALLOWS USERS TO ENLARGE A 35MM SCAN TO A FULL A3 SIZE WITH NO DEGRADATION TO OUTPUT QUALITY. AT 3.4 DMAX, THE AS4000T EASILY CAPTURES THE LEVEL OF DETAIL AND SHARPNESS REQUIRED BY THE MOST DISCRIMINATING IMAGING PROFESSIONALS.

FEATURES

- True 36-Bit Color Depth
- 4000 dpi Optical Resolution
- 3.4 Dmax
- Batch holders for mounted slides, filmstrips
- Optional APS cartridge available
- ScanWizard Pro™ TX scanning software
- Kodak® Digital Science™ color management software and Kodak® Q60 slide target

MICROTEK
Better Images Through Innovation

SPECIFICATIONS

Scanner Type:

Single-pass, 35mm and APS color film scanner

Originals Supported:

Transparent originals from 24mm x 35mm, 35 filmstrips, and APS film (with optional cartridge)

Sensor Type:

Tri-linear RGB CCD, 5300-elements/array

Illumination:

- Lamp: Cold cathode fluorescent.
- Lamp lifetime: 5000 continuous hours

Interface:

Full SCSI-2

Bit Depth:

- Color — 36-bit or 24-bit
- Grayscale — 12-bit or 8-bit

Sample Depth:

12-bits per color — 36-bit color

Dynamic Range:

.15 - 3.4 (Dmax)

Data Transfer Rate:

2 Mbytes/second

Scanning Speed*:

- Preview speed 25 seconds
- 30mm x 38mm at 4000dpi: 40 sec
- 30mm x 38mm at 2000dpi: 20 sec

* Scanning times may depend on user host specifications

Calibration:

ICC profiler calibration software with Kodak Q60 35mm target (mounted slide) included

Maximum Interpolated Resolution:

8000 dpi

Maximum Optical Resolution:

4000 dpi

Environment:

- Temperature: 50-95° F (10-35° C)
- Humidity: 20% to 85% RH
- Max. Operating Alt.: 30,000 ft. (9,090m)

Regulatory Certification Compliance:

- Safety: CE, ELT/ENT-CN, TUV EN60950
- Emissions: FCC Part 15 Class B
- Europe/Japan: CISPR 22 EN55022 Class B
- Taiwan: BCIQ

Acoustics:

50 dBA max. per ISO 7779

Dimensions and Weight:

- W150 x L360 x H100 mm
- Weight: Approximately 8 lbs.

Power Requirement:

- Auto-switching Universal Power Supply
- Min./ Max. Voltage: 100 to 240 VAC
- Frequency: 50 Hz to 60 Hz. 100/240V
- Max. Power Consumption: 49 Watts
- Meets Energy Star® Requirements



UNBEATABLE IMAGE QUALITY

With optical resolutions of up to 4000 dpi, the Microtek ArtixScan 4000t re-defines professional slide scanner standards. Enlarge 35mm scans to a full A3 format without degradation to image quality. Capture exceptional detail in highlight and shadow areas with a maximum density rating of 3.4, for consistently sharp, true to life scanning results. Microtek's unique Auto Focus/Auto Advance carriage system (US Patent pending) adjusts the slide cartridge and APS film holder rather than lens position to automatically achieve the most accurate focus. This fixed lens design also minimizes lens damage and positioning problems for increased reliability and reduced maintenance.

STREAMLINE PRODUCTIVITY

Time is money, that's why the AS4000t was designed around the professional user's productivity requirements. In under one minute, the ArtixScan 4000t scans a 35mm image at 4000dpi — the same time it takes competitive models to scan at their maximum 2700 dpi resolution setting. Two auto advancing batch scanning cartridges, a standard six frame filmstrip holder and a four frame 35mm slide holder, provide fast, easy and flexible media handling. An optional APS film roll cartridge allows automated film batch scanning of up to 40 images per loading. Microtek's innovative media detection system removes another time consuming step from the scanning process by automatically switching to appropriate mechanical settings each time the original scan media is changed.

ADVANCED COLOR CONTROLS

Microtek has developed a new software package designed specifically for professional negative and positive transparency scanning. Based on our award winning ScanWizard software, ScanWizard Pro TX includes comprehensive tools to ensure optimal image capture with accurate, reliable color reproduction. Kodak's color management software Digital Science™ is paired with Microtek's ICC Profiler software for compatibility with third party color output systems. In addition, ScanWizard Pro TX's innovative user interface is designed to maximize user productivity with a multi-frame preview U.I. design and a 'Scan to File' function allowing scans to be transferred directly to remote workstations for final editing and output.



Kodak ds
digital science™

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For additional product information visit the following sites:

www.microtekusa.com
www.microtek.com

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