

ArtixScan™ 4000t

High-Resolution 35mm
Film Scanner



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.

High performance imaging innovative durable mechanical design and state of the art productivity features make the ArtixScan™ 4000t a true pioneer in transparency scanning technology.

MICROTEK
Microtek Artix Professional Imaging

ArtixScan™ 4000t

High-Resolution 35mm
Film Scanner

SPECIFICATIONS

SCANNER TYPE:

35mm transparency and APS film scanner

ORIGINALS SUPPORTED:

Transparent 24mm x 35mm slides and film strip, APS film (optional)

MAXIMUM OPTICAL RESOLUTION:

4000 x 4000 dpi

MAXIMUM INTERPOLATED RESOLUTION:

8000 dpi

BIT DEPTH:

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

SAMPLE DEPTH:

12 bits per pixel - 36 bit color

DYNAMIC RANGE:

.15 - 3.4 (dmax)

SENSOR TYPE:

5300 Element 8 micron CCD

ILLUMINATION:

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

INTERFACE :

Full SCSI-II

SCANNING SPEED*:

- Preview speed 25 seconds
 - 40 sec for 30mm x 38mm at 4000 ppi
 - 20 sec for 30mm x 38mm at 2000 ppi
- * Scanning times may depend on used host specifications.

CALIBRATION:

- ICC profiler calibration software with Kodak IT8 target.

ENVIRONMENT:

- Temperature: 50-95° F (10-35° C).
- Humidity: 20% to 85% RH.
- Max. Operating Alt.: 30,000 ft. (9090.9m)

REGULATORY CERTIFICATION COMPLIANCE

- Safety: CE, ELT/ENT-CN, TUV EN60950

EMISSIONS:

- USA/Canada: FCC Part 15 Class B
- Europe/Japan: CISPR 22 EN55022 Class B
- Taiwan: BCIQ

ACOUSTICS:

50 dBA max. per ISO 7779.

DIMENSIONS AND WEIGHT:

- W 150 x L 360 x H 100 mm
- Weight: Approximately 8lbs.

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 AS4000t 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 AS4000t 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 auto-

matically 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 scan-

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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 network ready 'Scan to File' function allowing scans to be transferred directly to remote workstations for final editing and output.



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