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ScanMaker 1000XL
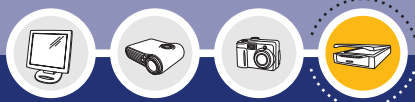
After

Before

digital **ICE**
photo print
technology

The Large Format A3 Scanner with Built-in Photo Reconstruction Technology

The ScanMaker 1000XL, an advanced high resolution, high performance at the A3 scanning size, features a dual-interface structure (USB2.0 and FireWire), OCR (Optical Character Recognition) and TMA (Transparent Media Adapter; optional) support. Designed for graphic artists, photographers and publishing professionals who require greater productivity, the ScanMaker 1000XL includes tools that streamline the image editing workflow to yield higher productivity. Better yet, the ScanMaker 1000XL integrates the exclusive DIGITAL ICE Photo Print Technology and ColoRescue, delivering the first-ever combined photo reconstruction and restoration solution. With the ScanMaker 1000XL, graphic designers, professional photographers and print publishers can reconstruct photos with cracks, tears, creases and scratches often at least ten times faster than manual photo reconstruction techniques, depending on the extent of damage.

- Built-in DIGITAL ICE Photo Print Technology automatically removes surface defects from photos

- Extra-large 12" x 17" reflective scanning area

- Superior 6400 x 3200 dpi optical resolution

- Network scanning support (for Windows)

- Ultra-fast scanning with FireWire and High-Speed USB connectivity

- Optional 12" x 16" transparent media adapter with templates for various film formats

- Optional X-Ray scanning capability for medical professionals (12" x 16" scanning area)
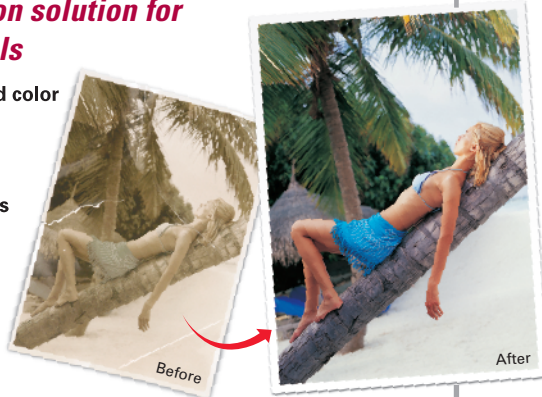
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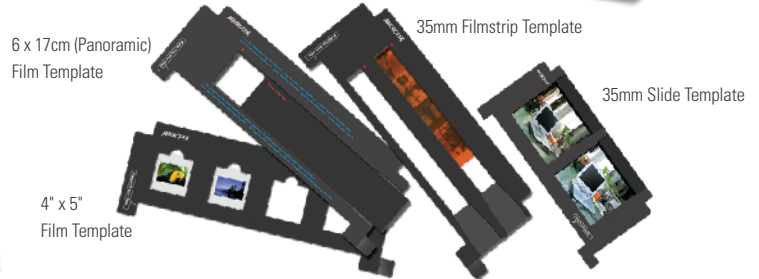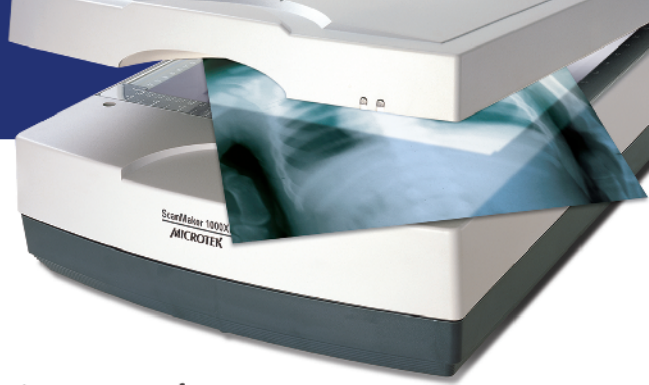
Large-Format A3 Scanners

ScanMaker 1000XL

PictuRescue – True Photo Reconstructions & Restoration solution for Professionals

- ☑ Restores faded color
- ☑ Fixes cracks
- ☑ Fixes tears
- ☑ Fixes creases
- ☑ Fixes scratches
- ☑ Fixes wrinkles
- ☑ Removes dust

digital **ICE**
photo print technology

Before

After

The ScanMaker 1000XL comes equipped with Microtek's exclusive PictuRescue photo reconstruction and restoration system. It features fast and easy photo reconstruction powered by DIGITAL ICE Photo Print Technology, as well as one-click photo restoration with ColoRescue™ to revive faded photos. These automatic features streamline your image editing workflow, providing unparalleled productivity and increased profit margins. So purchase a ScanMaker 1000XL today to get professional photo restoration results in a fraction of the time.

6 x 17cm (Panoramic) Film Template

4" x 5" Film Template

35mm Filmstrip Template

35mm Slide Template

Exceptional Image Quality without any compromise in speed

3200 dpi high resolution, 48-bit color depth and 4.0 Dmax

The ScanMaker 1000XL has a 41,300-element CCD with resolution that reaches up to 3,200 pixels per inch. With the built-in 48-bit ADC (Analog to Digital Converter), the ScanMaker 1000XL can convert originals to digital data with high fidelity format. It is capable of delivering full 48-bit depth color for richer and smoother tonal values, and an optical range of 4.0 Dmax allows users to capture details in highlight and shadow areas, as well as accurately represent gradation and natural color from originals without sacrificing details of the image.

Original Image
3.7 Dmax
4.0 Dmax

Optional Transparent Media Adapter Support

A3 Size TMA Support with Productivity Templates
The ScanMaker 1000XL utilizes a larger-format TMA design (optional) that allows you to scan various materials with templates easily. Specially designed film templates accommodate 35mm mounted slides, 35mm filmstrips, 4"x 5", medium format and even 6 x 17 cm panoramic.
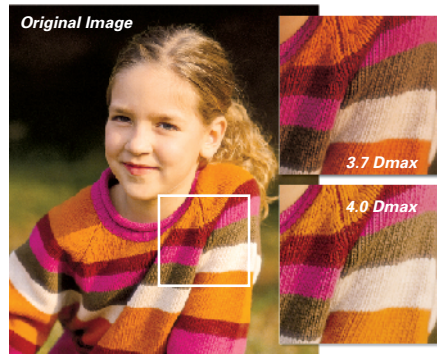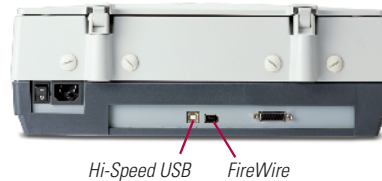
X-Ray Scanning Capability for Medical Professionals
The ScanMaker 1000XL also captures details in highlight and shadow areas at a high optical density range of 4.0 Dmax, optical resolution of 3200 dpi, and 16 bit of stored data. This provides Medical Professionals a solution to digitize their roentgenogram for electronic data storage convenience.

Ultra-fast scanning with FireWire and High-Speed USB connectivity
Microtek's special electronic design provides both FireWire and High-Speed USB (USB 2.0) connections. By simply connecting the FireWire cable to your computer, you get 400 Mbps data transmission for fast, high-resolution image transfer. New High-Speed USB is capable of 480 Mbps data transfer, with true plug-and-play capability. All USB 2.0 devices are backward compatible with older USB 1.1 ports.

Hi-Speed USB   FireWire

Software included
- Microtek® scanner controller software with DIGITAL ICE Photo Print Technology
- Microtek® networking software (PC)
- Kodak® Digital Science Color Management
- ABBYY FineReader Sprint
- Adobe® Photoshop™ Elements
- Adobe® Acrobat® Reader
- Ulead® Photo Explorer

Includes Kodak *digital science*™

PHOTO EXPLORER   POWERED BY ABBYY FINEREADER   Photoshop elements Adobe

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SPECIFICATIONS

Originals Supported
Reflective: 12" x 17" (305mm x 432 mm)
Transparency: 12" x 16" (305mm x 405 mm)

Sensor Type
Tri-linear RGB CCD, 41,300-elements/arrays with Cold Cathode Lamp

Interface
Dual interface: High-Speed USB and FireWire

Bit Depth
Color: 48-bit , Grayscale: 16-bit , Line Art: 1-bit

Dynamic Range
4.0 Dmax

Scanning Speed
- 22.8 msec / line full color
- Preview: ≤12 sec (whole area)

Resolution
- Optical Resolution: 6,400 x 3,200 dpi
- Maximum Interpolated: 25,600 dpi

Environment
- Operating Temperature: 50 - 104°F (10 - 40°C)
- Humidity: 20% to 85% RH

Approvals / Standards
- Safety: ANSI/UL60950-2000, CAN / CSA C22.2 No. 60950-00, CB IEC60950: 1999
- EMI: FCC Class B, CE (EN55022: 1998, EN55024: 1998), BSMI, VCCI, C-Tick
- Acoustics: 55dBA max per ISO 7779

Dimensions
- Scanner: 24.7" x 14.8" x 5.1"/ 627.5 x 375.9 x 129.5 mm (L x W x H)
- Scanner with TMA: 24.7" x 14.8" x 7.1" / 627.5 x 375.9 x 180.5 mm (L x W x H)

Weight (Net):
- Scanner: 26.4 lbs / 12 Kg
- Scanner with TMA: 35.4 lbs / 16.1 Kg

Power Requirement
- Auto-switching Universal Power Supply
- Min/Max Voltage: 100 to 240 Vac
- Frequency: 47 to 63 Hz
- Max Power Consumption: 45 Watts

SYSTEM REQUIREMENTS
- CD-ROM drive (for installing software)
- Color monitor with 24-bit color capability
- 128MB RAM (256MB or more to use Digital ICE for Photo Prints)

PC and Compatibles
- USB
  - Pentium III PC or higher with USB port
  - Microsoft Windows 98SE, Me, 2000 or XP
- FIREWIRE (IEEE 1394)
  - Pentium III PC or higher with FireWire port
  - Microsoft Windows 98SE, Me, 2000 or XP

Macintosh
- USB
  - iMac or Mac G3/G4/G5 with built-in USB port
  - Mac OS 9.x, Mac OS 10.3 and later versions; Built for Mac OS X
- FIREWIRE (IEEE 1394)
  - iMac DV or Mac G3/G4/G5 with built-in FireWire port
  - Mac OS 9.x, Mac OS 10.3 and later versions; Built for Mac OS X

PLEASE NOTE: To achieve USB 2.0 throughput speeds, a USB 2.0 supported system is required.

FireWire   HI-SPEED CERTIFIED USB   Designed for Microsoft® Windows®XP   Mac

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