# ScanMaker 9800XL

## The Large Format A3 Scanner with Triple Interface for Professionals

The ScanMaker 9800XL, an advanced high resolution, high performance at large-format scanning, features a triple-interface structure (USB, FireWire, and SCSI-II), OCR (Optical Character Recognition) and TMA (Transparent Media Adapter; optional) support.  Better yet, the ScanMaker 9800XL supports network scanning in Windows, making it more powerful than ever.  The ScanMaker 9800XL also brings high productivity and ease of use for professionals in scanning reflective or transparency originals. In addition, the ScanMaker 9800XL provides high-volume X-ray scanning capabilities for Radiology Professionals.

The excellent 1600-dpi optical mechanism makes the ScanMaker 9800XL stand out from most the current large-format scanners on the market.  An optical dynamic range of 3.7 Dmax delivers accurate color, superb shadows and highlights crisp details and sharp images without compromise.  With a true optical resolution of 48-bit at 1600 dpi scanning, the ScanMaker 9800XL captures a tremendous amount of details from your large-format A3 scanner areas, allowing scans to be printed perfectly and revealing superior image quality.

- Large format A3 scanning area
- True 48-bit color depth
- Optical resolution 3200 x 1600 dpi
- Dynamic Range: 3.7 Dmax
- Tri-interface: USB, FireWire and SCSI-II
- TMA support with more productivity templates (optional)
- Optional 12"  x  16"  X-Ray scanning capability for Medical Professionals
- Multiple Sampling Technology for superior image quality
- ScanWizard Pro™ scanning software (PC/Mac) with Network Scanning support (for Windows)
- Kodak® Digital Science™ color management software and Kodak® Q60 slide target
- Optical Character Recognition and Image Editing Application included

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## Optional Transparent Media Adapter Support

### A3 Size TMA Support with More Productive Templates

A larger-format scanning bed (A3 size) allows you to scan various materials with templates easily. Moreover, the ScanMaker 9800XL utilize a TMA design (option) that allows the scanner to accommodate different-sized film, including 35mm (filmstrips and slides), 6 x 9 cm and 4" x 5".

### X-Ray Scanning Capability for Medical Professionals

The ScanMaker 9800XL also captures details in highlight and shadow areas at a high optical density range of 3.7 Dmax, optical resolution of 1600 dpi, and 16 bits of stored data. This provides Medical Professionals a solution to digitize their roentgenogram for electronic data storage convenience.

## Superior Quality with Microtek's Scanning Technology

### Multiple Sampling Technology

Multiple Sampling reduces the random image noise that adversely affects the quality of scanned images. To optimize signals, each scanned line is sampled multiple times (the frequency determined by users in 2, 4, or 8 options).

## Valued Software Pack

### ScanWizard Pro with Built-in Kodak Color Management System

Included in every ScanMaker 9800XL package are Microtek's ScanWizard Pro™ 6.1x scanning software and the Microtek Scanner ICC Profiler software.

Microtek's ScanWizard Pro provides a complete scanning solution for novice and expert alike. ScanWizard Pro features 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, as well as quantitative feedback in a variety of device-independent (LCH) or device-dependent color space (RGB, CMYK). Full color management support for ICC profiled devices ensures compatibility with third-party color output systems.

*Includes* **Kodak** *digital science*™

### Network Scanning Support (for Windows)

ScanWizard Pro 6.1x also implements a network scanning feature (Windows only) that allows a scanner to be shared among clients and servers on a network. This valuable utility provides added value for the scanner and forms part of the complete total scanning solution offered by the ScanMaker 9800XL.

### Other Softwares Include:

- Adobe® Photoshop® Elements- Creating and editing digital images for print and Web easier
- Ulead® Photo Explorer- Image viewer and multimedia file management tool
- ABBYY® FineReader® Sprint- OCR software for scanning text
- Adobe® Acrobat® Reader- For viewing online manuals

**POWERED BY ABBYY FINEREADER**

## Exceptional Image Quality without any compromise in speed

### 1600 dpi high resolution, 48-bit color depth and 3.7 Dmax

The ScanMaker 9800XL has a 21,360-element CCD with resolution that reaches up to 1,600 pixels per inch. It is capable of delivering full 48-bit depth color for richer and smoother tonal values, and an optical range of 3.7 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.

3.4 Dmax

3.7 Dmax

Original Image

### Triple Interface: USB, FireWire & SCSI-II

The triple interface on the ScanMaker 9800XL provides customers with more flexibility. The FireWire interface can transfer data at blazing speeds at 48 bits and at 1600-dpi settings in less than 6 minutes to complete an A3 color scanning. Moreover, with its "plug-n-play" and "live insertions and removals" feature, the ScanMaker 9800XL is easier than ever to operate. Aside the FireWire interface, this scanner is equipped with an industry-standard USB connection for additional versatility, as well as a SCSI interface for users with older equipment.

**SCSI-II      USB Port      FireWire Port**

## Specifications

**Originals Supported**
Reflective and transparent originals from 35 mm up to
- Reflective: 12" x 17"
- Transparency: 12" x 16"

**Sensor Type**
Tri-linear RGB CCD, 21,360 elements/ arrays with Cold Cathode Lamp

**Interface**
Triple Interface: USB, FireWire and SCSI-II

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

**Sample Depth**
16-bit per color/ 48-bit true color

**Dynamic Range**
3.7Dmax

**Scanning Speed**
- 11.5 msec/ line full color
- Preview: ≤7.1 sec (whole area)

**Resolution**
- Optical: 3200 x 1600 dpi
- Interpolated: 12800 x 12800 dpi

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

**Approvals / Standards**
- Safety: ETL&ETL_c:UL 1950, CSA 22.2 ITSGS: EN60950, CB: IEC950 EK: K60950
- EMI: FCC : CISPR 22 / 1985 Class B CE : EN55022/ 1998, EN55024/ 1998 VCCI: VCCI/ 1997 (12 th Edition) BSMI: CNS 13438 (C6357) C-Tick: AS/ NZ 3548/1995
- Acoustics: 55dBA max per ISO 7779

**Dimensions**
27.4" x 14.8" x 5.1" (W x H x L) /
627.38 x 375.92 x 129.54 mm (W x H x L)

**Weight**
Net: 26.4 lbs / 12 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 display with 24-bit color output capability
- 128 MB or more recommended

**FireWire:**
- PC  - Pentium II or later with built-in FireWire port
      - Windows 98 SE, 2000, Me or XP
- MAC - iMac DV or new G3/G4 with built-in FireWire support
      - Mac OS 9.x

**SCSI:**
- PC  - Pentium PC or later
      - Windows 95, 98, 2000, Me, XP or NT 4.0
- MAC - Power PC class or later with ASPI compliant SCSI port
      - Mac OS 8.6, or 9.x

**USB:**
- PC  - Pentium PC or later with USB port
      - Windows 98, 2000, Me or XP
- MAC - iMac or G3/G4 with built-in USB port
      - Mac OS 8.6, or 9.x

**MacWEEK** Microtek ScanMaker 5 ♦♦♦♦ ½    **Best Buy** July 1999    **PC WORLD TOP 10 SCANNERS**    **TOP 100** 1999    **Macworld** ♦♦♦♦    **PC WORLD TOP 10 SCANNERS**    **CHOICE** 1999    **PC WORLD BEST BUY**    **PC WORLD TOP 10 SCANNERS**

ScanMaker 5    ScanMaker X6 USB    ScanMaker X6 USB    ScanMaker X6 USB    ScanMaker X6    ScanMaker V6UPL    ImageDeck    ScanMaker 4    ScanMaker X2USL AND ScanMaker 8700    ScanMaker 5700    ScanMaker 5700

*Microtek has won more awards and has a history of more scanning innovations than anyone else in the desktop scanner industry.*

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