Epson Expression 10000XL

Scanner Type
Flatbed color image scanner

Scanning Method
Movement of the carriage

Photoelectric Device
Epson MatrixCCD line sensor

Maximum Read Area
12.2” x 17.2” (310mm x 437mm)

Light Source
Xenon gas cold cathode fluorescent lamp

Optical Resolution
2400 dpi

Hardware Resolution
2400 x 4800 dpi with Micro Step Drive technology

Maximum
12,800 x 12,800 dpi with interpolation

Effective Pixels
87,880 pixels (2400 dpi)

Image Data
Color Depth
16 bits per pixel internal/external

Grayscale Depth
6 bits per pixel internal/external

Line Art
1 bit per pixel

Scanning Speed (2400 dpi, draft mode)
Color
25.2 sec/micron (approx.)

Gray-scale
18.2 sec/micron (approx.)

Low Art
7.2 sec/micron (approx.)

Operating Systems Supported
Macintosh
Macintosh OS X 10.2.7, 10.3.x

Windows Minimal System Requirements
PC with Pentium II equivalent or higher processor

128MB (512MB recommended)

USB 2.0/1.1 Windows 98SE, 2000 Me, XP

USB 1.1/2.0, IEEE 1394 (FireWire), optional Ethernet

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Epson Expression 10000XL

**Scanner Type**
Retarded color image scanner

**Scanning Method**
Movement of the carriage

**Photoelectric Device**
Epson MatrixCCD line sensor

**Maximum Read Area**
12.2" x 17.2" (310mm x 437mm)

**Light Source**
 Xenon gas cold cathode fluorescent lamp

**Optical Resolution**
2400 dpi

**Hardware Resolution**
2400 x 4800 dpi with Micro Step Drive technology

**Scanning Speed**
Sizes up to 12.2" x 17.2"

**Scanning Accuracy**
48-bit color, 3.8 Dmax for precision reproductions

**MCBF**
100,000 cycles

**Environmental Conditions**
Temperature: 41ºF to 95ºF (5ºC to 35ºC)
Humidity: Operating 10% to 80% (no condensation)

**MCBF**
100,000 cycles

**Power Requirements**
AC: 100V-120V 200V-240V
Frequency: 50-60Hz
Power Consumption: 45W operating w/o optional unit

**Recording Sequence**
Brightness
Grayscale
Color

**Image Data**
Color Depth: 24 bits per pixel internal/external
Grayscale Depth: 16 bits per pixel internal/external
Line Art: 1 bit per pixel

**Sizing**
50% to 200% (1% step)

**Brightness**
7 levels

**Reading Sequence**
Auto Focus system (CCD sensor and lens unit)

**Focus Control**
Auto Focus system (CCD sensor and lens unit)

**Epson Scan**
- Scans transparencies up to 12.2" x 16.5"
- Speeds through an 8.5" x 11" color image at 300 dpi in under 23 seconds
- Captures over 4 trillion colors and 4,096 shades of gray
- Enhances color with ColorTrue II imaging
- Combines superior image processing, a Xenon lamp, and Epson MatrixCCD technology for enhanced color and pinpoint registration
- In 3.8 Dmax delivers a broad dynamic range with excellent shadow detail
- Auto Focus optics system, when activated, adjusts the focus and captures close, precise images every time
- Boasts a 100,000 cycle MCBF (mean cycles between failures) rating for production reliability
- Exact results are assured with Epson Scan
- With 2400 dpi resolution, higher than any other 8-bit flatbed scanner available today, plus a 3.8 Dmax and 48-bit color, the Epson Expression 10000XL offers everything professional photographers and graphic artists require for high-quality, large-volume scanning

**Windows Minimum System Requirements**
PC with Pentium® II equivalent or higher processor
128MB (512MB recommended)
USB 1.1
USB 2.0
Windows XP Home Edition/XP Professional (pre-installed or upgrade of Windows 98SE/2000/Me pre-installed)

**Macintosh Minimum System Requirements**
Macintosh OS X 10.2 or later
PC with Pentium® II equivalent or higher processor
128MB (512MB recommended)
USB 2.0 (USB 1.1 recommended)

**Macintosh Minimum System Requirements**
Macintosh OS X 10.2 or later
128MB (512MB recommended)

**Windows Minimum System Requirements**
PC with Pentium® II equivalent or higher processor
128MB (512MB recommended)
USB 1.1
USB 2.0
Windows XP Home Edition/XP Professional (pre-installed or upgrade of Windows 98SE/2000/Me pre-installed)

**Macintosh Minimum System Requirements**
Macintosh OS X 10.2 or later
128MB (512MB recommended)

**Grayscale Depth**
16 bits per pixel internal/external

**Color Depth**
24 bits per pixel internal/external

**Software**
- Epson Premium Software Bundle
- ABBYY® FineReader® Sprint OCR
- LaserSoft® Imaging SilverFast® Ai 6
- MonacoEZcolor™ with reflective IT8 Target
- Adobe® Photoshop® Elements 2.0
- Epson Scan

**Software**
- Accurately scans each image, including film and transparencies, for remarkable precision, even in shadow areas
- Enables busy creative scanners to digitize images quickly and easily. They even offer an optional automatic document feeder for multiple-page scanning
- For increased productivity, Epson Expression 10000XL offers everything professional photographers and graphic artists require for high-quality, large-volume scanning

**Productivity**
- Scans multiple images at one time and saves files to a PC (scans up to 48 35mm negatives, 30 35mm slides, eight 4" x 5" transparencies or six medium-format transparencies)

**Macintosh Software**
- Epson Scan
- LaserSoft Imaging SilverFast® Ai 6
- ABBYY® FineReader® Sprint OCR

**Windows Software**
- Epson Scan
- LaserSoft Imaging SilverFast® Ai 6
- ABBYY® FineReader® Sprint OCR
- Adobe® Photoshop® Elements 2.0
- Epson Expression 10000XL - Photo Model

**Dimensions**
- Width: 25.9" (660mm)
- Height: 6.2" (158mm)
- Depth: 16.0" (406mm)
- Weight: 28.7 lb (13 kg approx.)

**Environmental Conditions**
- Temperature: Operating 41ºF to 95ºF (5ºC to 35ºC)
- Humidity: Operating 10% to 80% (no condensation)

**Brightness**
- 7 levels

**Color Depth**
- 16 bits per pixel internal/external
- 24 bits per pixel internal/external

**Image Data**
- Color Depth: 24 bits per pixel internal/external
- Grayscale Depth: 16 bits per pixel internal/external
- Line Art: 1 bit per pixel

**Sizing**
- 50% to 200% (1% step)

**Specifications**
- With 2400 dpi resolution, higher than any other 8-bit flatbed scanner available today, plus a 3.8 Dmax and 48-bit color, the Epson Expression 10000XL offers everything professional photographers and graphic artists require for high-quality, large-volume scanning

**Key Features**
- Extraordinary image quality with 2400 x 4800 dpi resolution
- Works together with Micro Step Drive™ technology to deliver brilliant clarity and detail
- Smooth gradations with 48-bit color
- Captures over 4 trillion colors and 4,096 shades of gray
- Convenient large-format scanning
- Accommodates reflective media up to 12.2" x 17.2"
- Enhanced color with ColorTrue II imaging
- Combines superior image processing, a Xenon lamp, and Epson MatrixCCD technology for enhanced color and pinpoint registration
- In 3.8 Dmax delivers a broad dynamic range with excellent shadow detail
- Auto Focus optics system, when activated, adjusts the focus and captures close, precise images every time
- The Epson Expression 10000XL scans virtually anything, including reflective media up to 12.2" x 17.2" and it’s available in two configurations—a Photo model, with a transparency unit for scanning transparencies up to 12.2" x 16.5" and a Graphic Arts model. Each
- Best of all, these durable scanners speed through every task to digitize images quickly and easily. They even offer an optional automatic document feeder for multiple-page scanning. For increased productivity and remarkable results in professional graphic arts and photographic applications, the solution is simple—the Epson Expression 10000XL

**Optional Accessories**
- Transparency Unit: Scans transparencies up to 12.2" x 16.5" (included on the Photo model)
- Automatic Document Feeder: Makes multiple-page scanning a snap
- Scanner Network Interface Card: Enables busy creative workgroups to share a single scanner

**Warranty**
- One-year limited warranty in the U.S. and Canada
- Warranty

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specifications

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With 2400 dpi resolution higher than any other 8-bit flatbed scanner available today, plus a 3.8 Dmax and 48-bit color, the Epson Expression 10000XL offers everything professional photographers and graphic artists require for high-quality, large-volume scanning.

A reliable performer that’s sure to increase productivity, this hardworking scanner features Epson’s exclusive ColorTrue II 4 Imaging System, which combines superior image processing, a Xenon lamp, and Epson MatrixCCD technology for enhanced color and pinpoint registration. In 3.8 Dmax delivers a broad dynamic range with excellent shadow detail. And, an Auto Focus optics system, when activated, adjusts the focus and captures close, precise images every time.

The Epson Expression 10000XL scans virtually anything, including reflective media up to 12.2" x 17.2" and it’s available in two configurations—a Photo model, with a transparency unit for scanning transparencies up to 12.2" x 16.5" and a Graphic Arts model. Each

Best of all, these durable scanners speed through every task to digitize images quickly and easily. They even offer an optional automatic document feeder for multiple-page scanning. For increased productivity and remarkable results in professional graphic arts and photographic applications, the solution is simple—the Epson Expression 10000XL.