

# EPSON

## THE AFFORDABLE, HIGH-RESOLUTION SCANNER FOR LARGE FORMAT GRAPHICS.

The EPSON Expression® 836XL gives you 800 x 1600 dpi, 36-bit color scanning performance on a tabloid-size 12.2" x 17.2" area, that means it's capable of handling all types, shapes and sizes of media. Everything from full-bleed comps, color photos, 35mm slides and line-art to magazines, negatives—even textiles and other 3-dimensional objects.

What's more, the EPSON Expression 836XL does it all without asking you to supervise each and every scan. Instead, after minimal setup, the EPSON Expression 836XL can sequentially scan and save images to the host hard drive, giving you efficient and unattended batch scanning capabilities. Very quickly it handles large scanning jobs while giving you more time to do your job. Extra time, of course, means more productivity for you.

Best of all, the EPSON Expression 836XL gives you rich, crisp and precise results, that until now haven't been economically feasible in the design phase. Automatically, the scanner's precise AutoFocus optics system and high 3.2 dynamic range delivers razor-sharp detail and professional quality reproductions on even the most difficult transparencies.

With Epson's exclusive version of the LaserSoft® SilverFast™ scanner driver, you have even more control over color balance, tone curves, highlights, shadows, sharpening and descreening. Again, it's automatic. The EPSON Expression 836XL large format color flatbed scanner is fast, easy and surprisingly affordable.



## EPSON Expression 836XL Color Flatbed Scanner

### FEATURES

### BENEFITS

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|---|--|
| • <b>Superior quality, high resolution images</b> | The only 800 x1600 dpi, 36-bit large format color scanner in its class                           |
| • <b>Large and versatile B-size scanning</b>      | Big 12.2" x 17.2" scan area accommodates photos, transparencies, negatives and even 3-D objects. |
| • <b>AutoFocus optics system</b>                  | Automatically focuses for sharp, true scans.   |
| • <b>Time-saving batch scanning</b>               | Consistently superior results even when unattended. Boosts designer productivity.                |
| • <b>Epson one year warranty</b>                  | Epson backs you with a one year limited warranty. Epson Connection technical support.            |



SCANNERS SPECIFICATIONS

**General Specifications**

Scanner type	Flatbed color image scanner
Subscanning method	Movement of reading mirror
Photoelectric device	Color CCD line sensor
Maximum read area	12.2" x 17.2" reflective 11.4" x 16.5" transparency

**Scanning Specifications**

Light source	Xenon gas cold cathode fluorescent lamp
Optical resolution	800 x 1600 dpi
Maximum resolution	6400 x 6400 dpi (interpolated)
Effective pixels	9760 x 13760 (800 dpi)
Image data	
Color	36 bits/pixel internal/external 24 bits/pixel external (selectable)
Grayscale	12 bits/pixel internal/external 8 bits/pixel external (selectable)
Line-art	1 bit/pixel
Scaling	50 to 200% by 1% increments
Brightness	7 levels
Reading sequence	One-pass scanning
Dynamic range	3.2 OD (3.3 Dmax)
Focus function	AutoFocus optics system (CCD & lens unit)
Interface	SCSI and bidirectional parallel

**Scanning Speed**

A4 vertical, 800 dpi, Draft mode	
Line-art	7.5 msec/line (approx.)
Grayscale	7.5 msec/line (approx.)
Full color	10 msec/line (approx.)
A4 vertical - A3 vertical, 800 dpi, Draft mode	
Line-art	10.8 msec/line (approx.)
Grayscale	10.8 msec/line (approx.)
Full color	15 msec/line (approx.)

**Digital Halftoning**

Bi-level	3 modes (A, B, C)
Quad-level	3 modes (A, B, C)
Dither	4 modes
User specified	2 modes

**Gamma Correction**

CRT	2 modes
Printer	3 modes
User defined	1 mode

**Color Correction**

5 modes	Impact Color thermal Color ink jet CRT User defined
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**Reliability**

MCBF	100,000 cycles
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**Environmental Conditions**

Temperature	41° F to 95°F (5°C - 35°C)
Humidity	10% to 80%, RH (no condensation)

**Power Requirements**

Voltage	AC100-120V
Frequency	49.5-60.5Hz
Power Consumption	60W (approx.) 75W with optional unit

**Physical Dimensions**

Width	25.9" (656 mm)
Depth	18.0" (458 mm)
Height	6.7" (170 mm)
Weight	44 lb (20 kg)

**Configurations**

EPSON Expression 836XL-Mac	
Adobe® Photoshop™ LE image editing software	
LaserSoft® SilverFast™ professional scanner plug-in software	
EPSON TWAIN Pro scanner driver	
MonacoScan® scanner calibration software	
EPSON Expression 836XL-PC	
Adobe Photoshop LE image editing software	
LaserSoft SilverFast professional scanner plug-in software	Windows 95/NT only
EPSON TWAIN Pro scanner driver	(Windows 3.1, 95, NT)
MonacoScan scanner calibration software	
Adapter SCSI interface card	

**Product/Accessory Part Numbers**

EPSON Expression 836XL Scanner - PC	836XL-PC
EPSON Expression 836XL Scanner - MAC	836XL-MAC
Transparency unit	B813102
Duplex automatic document feeder	836XL-ADF

**Warranty**

One year limited in the U.S. and Canada



Mac OS



Awards



Oct. 1997



March 1998



July 1998



July 1998

YOU'VE GOT TO SEE IT IN **EPSON** COLOR™

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