

## Kodak EverSmart Supreme II scanner specification highlights

<b>General Specifications</b>	
Technology	Flatbed CCD scanner; trilinear 8,000-element, anti-blooming CCD, up to 64,000 pixels per line; XY Stitch scanning technology; CCD dynamic cooling; MaxDR dynamic range enhancement
Illumination	Transparent and reflective illumination; specially-designed, high-intensity 32 W fluorescent lamps, tailored to CCD spectrum response
Original types	Transparent (positive and negative), reflective, framed slides, line art, printed material, halftone screened films, microscope slides
Original thickness	Reflective: unlimited; transparency: 5 mm (3/16 in.)
Light table	Built-in
Interface	<b>FireWire</b>
<b>Imaging Specifications</b>	
Maximum resolution (optical)	5,600 x 14,000 dpi
Maximum resolution (interpolated)	14,000 dpi
Scaling (at 300 dpi)	20% to 4,660%
Color depth	48 bits (16 bits per color)
Maximum density	4.5D
Density range	4.3D
Productivity	120 scans per hour in Productive Group Scan mode; benchmark: 6 x 7 cm, 250% at 300 dpi
Scanning area	305 x 432 mm (12 x 17 in.)
Output file formats	CT, LW, New LW; EPSF: normal, DCS 2, JPEG compression, CCITT compression; TIFF: RGB, CMYK, JPEG compression, JPEG
<b>Application Features</b>	
oXYgen Scan software	Parallel workflow; full <b>ICC</b> color management; direct scan; <b>SmartSet</b> function; automatic image analysis; CMYK and RGB scanning modes; image editing and proofing tools, including HLS color correction, LS curves, split-screen views, color masks, and unsharp masking (USM); Productive Group Scan mode; advanced negative end points tool
Archive mode	16-bit DT files, 16-bit RGB TIFF files, 16-bit B/W TIFF files
<b>Physical Specifications</b>	
Operating environment	Temperature: operating: 16° to 27°C (61° to 80°F), storage: -10° to 55°C (14° to 131°F) Humidity: 40% to 70% relative humidity (non-condensing). Noise: operating: 55 dBA, standby: 45 dBA
Electrical requirements	Voltage: 100 to 240 VAC, 50 to 60 Hz, automatic voltage selection Power consumption: operating: 290 W, standby: 200 W
Physical characteristics	Size (H x W x D): 360 x 870 x 700 mm (14 x 34 x 27.5 in.), weight: 70 kg (154 lb)
Standards conformance	FCC, CE, ISO 9002
Training tools	oXYgen Scan: Application Learning Guide ( <b>Mac</b> only), oXYgen training programs, color theory training programs, Quick Reference Guide
<b>Software Requirements</b>	<b>Apple Power Macintosh</b> G4 and G5 with one free built-in <b>FireWire</b> port, <b>Mac OS X</b> (version 10.3.x and 10.4x), CD-ROM drive (required for software installation). 200 MB RAM for oXYgen Scan software (not including memory for the system software). Minimum 2 GB of free internal hard-disk space. 24-bit color display. Minimum 17-inch color monitor with a display capability of millions of colors.

To learn more about scanning solutions from Kodak, visit:  
[graphics.kodak.com/scanners](http://graphics.kodak.com/scanners)

### Produced using Kodak technology.

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E.WPE.202.0306.en.01 CAT No. 650-00370C-EN

**Kodak**  
**EverSmart Supreme II**  
Scanner

**Kodak**

# Imaging excellence and high productivity for professionals

**The Kodak EverSmart Supreme II scanner delivers ultra-high resolution, extended dynamic range, and high productivity. It is designed both for graphic businesses, where speed and excellent image quality are essential, and for museums and libraries, where digital image archiving is the key to preserving cultural and scientific content.**

## Highlights:

- **High resolution: 5,600 dpi optical, 14,000 dpi interpolated**
- **Spectacular color range and depth: true 16-bit color and a maximum density of 4.5D**
- **CCD dynamic cooling and MaxDR: superb shadow detail**
- **High scanning speed: 120 scans per hour\***
- **16-bit SOOM workflow: save time by preserving scans for reuse**
- **XY Stitch scanning technology: consistent resolution and sharpness for any size original**
- **oXYgen DOT Solution (optional): professional copydot scanning and digital descreening**

## Step up to first-class scanning

The **EverSmart** Supreme II scanner is designed for the most demanding scanning jobs. Outstanding scanning technologies, including XY Stitch, charged coupled device (CCD) dynamic cooling, and MaxDR (for achieving maximum dynamic range), enable you to achieve top-quality images with enhanced shadow detail from the largest or smallest originals.

## Advanced scanning technologies for professional results

Exclusive XY Stitch scanning technology helps ensure consistent sharpness and resolution regardless of the original's size or where it is placed on the scanning bed. The technology enhances productivity by allowing you to use the entire 305 × 432 mm (12 × 17 in.) surface. The **EverSmart** Supreme II scanner can produce more scans per hour than ever before, scanning up to 96 35-mm slides in one job and performing 120 scans per hour.\*

The combination of the CCD dynamic cooling and MaxDR technologies results in a maximum density value of 4.5D, allowing you to capture superb shadow detail from any type of original.

\* 6 × 7 cm, 250% at 300 dpi in Productive Group Scan Mode.

## Powerful oXYgen Scan and oXYgen DOT Solution software

oXYgen Scan software accelerates scanning production and maximizes image capture with intelligent, automated features. The scan once, output many (SOOM) workflow captures true 16-bit digital transparency (DT) files and stores them for quick reuse, eliminating the need for rescanning.

With oXYgen Scan software (for **Macintosh** computers), you can scan for all types of workflows and output devices, including CMYK, RGB, 16-bit SOOM, and online applications. Intuitive, easy-to-understand presets give you professional results quickly—you determine the scan's intended use, and the software sets the parameters accordingly.

With the optional oXYgen DOT Solution software, you can digitize halftone film separations to produce crisp, professional results.

## Optional scanning enhancements

### oXYgen Open software

Increase productivity by running oXYgen Open software on any workstation. You can open, edit, and repurpose 16-bit color image files without a scanner.

### oXYgen DOT Solution

Use your **EverSmart** Supreme II scanner for high-performance copydot scanning and digital descreening.

The oXYgen DOT Solution offers tools that enable you to scan halftone film separations and customize the digital image for any purpose or output device.

## Oil Mounting Station

Improve the scan quality of cracked or scratched originals by bathing them in scanning oil on a separate mounting station. The Oil Mounting Station is easy to use and can be operated while the scanner begins another job, further increasing productivity.

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