

EverSmart Select II

high-speed, high-resolution flatbed scanner



A high-quality high-productivity scanner, the EverSmart® Select II helps graphic arts professionals quickly satisfy customer requests. Delivering sharp scans rapidly, the EverSmart Select II is built for reliability and versatility, and fits easily into any graphic design or prepress workflow.

- high resolution: 11,400 dpi (5,600 dpi optical)
- publication-quality results: true 16-bit color and a maximum density of 4.3
- high scanning speed: 100 scans per hour*
- 16-bit SOOM workflow: save time by preserving scans for re-use
- XY Stitch scanning technology: consistent resolution and sharpness for any size original
- oXYgen Scan software: powerful, flexible, and highly productive
- oXYgen DOT Solution: professional copydot scanning

Advanced scanning technologies for professional results

Exclusive XY Stitch scanning technology ensures consistent quality through sharper imaging regardless of the original's size or where it is placed on the scanning bed. The EverSmart Select II allows you to produce razor-sharp scans with a true optical resolution of up to 5,600 dpi from edge to edge.

The EverSmart Select II scanner is a sophisticated, robust, and efficient scanner that delivers production-quality scans at the rate of 100 scans an hour*, and allows up to 96 35-mm slides in one job.

Intelligent software and flexible workflow meet the most demanding needs

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 at full resolution for quick re-use, eliminating the need to re-scan them.

With oXYgen Scan software, 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 optional copydot software, you can digitize halftone film separations to produce crisp, professional results.

* 100 scans per hour. Benchmark: 6 x 7 cm, 250% at 300 dpi in Productive Group Scan Mode.

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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 Select 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.

• oXYgen DTi solution:

oXYgen DTi solution simultaneously creates a 16-bit DT file and a low-resolution image when you scan an original, allowing you to maximize productivity. You can rapidly scan image batches, manipulate OPI images, and create layouts that include selected OPI images. Once your page layout is complete, you can replace each low-resolution OPI image with a high-resolution 8-bit file that is custom-toned and converted from a 16-bit digital transparency using oXYgen Open software.

General Specifications

Technology

Flatbed CCD scanner
Tri-linear 8,000-element, anti-blooming CCD;
up to 64,000 pixels per line
XY Stitch scanning technology

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

FireWire

Imaging Specifications

Maximum resolution (optical)

5,600 x 11,400 dpi

Maximum resolution (interpolated)

11,400 dpi

Scaling (at 300 dpi)

20–3800%

Color depth

48 bits (16 bits per color)

Maximum density

4.3D

Density range

4.1D

Productivity

100 scans an 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

Scitex: Scitex CT, Scitex LW, Scitex New LW
EPSF: normal, DCS 2, JPEG compression, CCITT compression
TIFF: RGB, CMYK, JPEG compression
JPEG: JPEG compression

Application features

oXYgen Scan software

Parallel workflow
Full ICC color management
Direct scan
SmartSet 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
Advanced end points toning tool

Archive mode

16-bit DT files
16-bit TIFF files



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Physical Specifications

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

List of training tools:

oXYgen Scan—Application Learning Guide (Mac only)
oXYgen training programs
Color theory training programs
Quick Reference Guide

oXYgen Scan software

With intuitive controls, automated features, intelligent default settings, and sophisticated imaging control, Macintosh-based oXYgen Scan software puts the full imaging power of the EverSmart Select II scanner in your hands.

Software Requirements

Apple Power Macintosh G4 and G5 with one free built-in FireWire port
Mac OS X (version 10.3.x Panther)

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 and a resolution of 1024 x 768 pixels

Note: The above requirements may change. Refer to the most recent software release notes for the current minimum system requirements.

Let's Talk

Contact your Creo representative for more information on the EverSmart Select II scanner and optional scanning enhancements.

www.creo.com/scanners

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About Creo

Creo Inc. is a global company with key strengths in imaging and software technology. As the leading provider of prepress systems, Creo helps over 25,000 customers worldwide adopt digital production methods that reduce costs, increase print quality, and allow them to serve their customers more efficiently. Based in Vancouver, Canada, Creo reported fiscal 2004 revenue of US\$635.8 million. Creo trades on NASDAQ (CREO) and the TSX (CRE).

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