

# EverSmart Supreme

imaging excellence and high productivity for professionals



The EverSmart™ Supreme scanner is designed for today's scanning-intensive graphic businesses, where maximum speed and excellent image quality are essential. Ultra-high resolution, extended dynamic range and color depth are combined with unbeatable reliability and speed.

- high resolution: 5,600 dpi optical, 14,000 dpi interpolated
- spectacular color range and depth: pure 16-bit color, density of 4.3
- superb shadow detail with CCD Dynamic Cooling and MaxDR
- SOOM (Scan Once, Output Many) workflow saves time and preserves scan quality for re-use
- XY Stitch scanning technology delivers consistent resolution and sharpness for any size original
- oXYgen scanning application: powerful, flexible, highly-productive scanning application
- oXYgen DOT Solution: professional-quality copydot scanning

#### Step up to first class scanning

The EverSmart Supreme scanner is the professional tool for the most demanding scanning jobs. Innovative scanning technologies, including XY Stitch, CCD dynamic cooling and MaxDR assure top quality and enhanced shadow detail from the largest or smallest originals.

#### Advanced scanning technology for professional results

Exclusive XY Stitch scanning technology assures consistent quality through sharper imaging for any type original. EverSmart Supreme produces razor-sharp scans with true optical resolution of up to 5,600 dpi from edge to edge.

XY Stitch enhances productivity by allowing you to use the entire 12 x 17 in (305 x 432 mm) surface—and you can run up to 65 scans an hour and seventy 35mm slides in one job. CCD dynamic cooling monitors temperature and humidity, and actively cools the CCD for optimum sensitivity and maximum shadow detail. MaxDR (for Maximum Dynamic Range) improves shadow detail in dark to mid-tone areas for superb image quality.

#### Powerful software and flexible workflow meet the most demanding needs

oXYgen scanning software accelerates scanning production, and maximizes image capture with intelligent, automated features. The SOOM (Scan Once, Output Many) workflow captures true 16-bit DT (digital transparency) files, and stores them for quick re-use and repurposing, without re-scanning.

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 with sharp, crisp, professional results.

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## Optional Scanning Enhancements:

### • oXYgen Open software

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

### • oXYgen DOT Solution

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

Software tools in the oXYgen DOT Solution 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.

#### General Specifications

##### Technology

Flatbed CCD scanner  
Tri-linear 8,000 element, anti blooming CCD;  
up to 67,100 pixels per line  
XY Stitch scanning technology  
CCD Dynamic Cooling  
MaxDR dynamic range enhancement

##### 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

##### Original thickness

Reflective – unlimited.  
Transparency – 5mm, 3/16 in

##### Light table

Built in

##### Interface

SCSI

#### Imaging Specifications

##### Maximum resolution (optical)

5,600 x 14,00dpi

##### Maximum resolution (interpolated)

14,000 dpi

##### Scaling (at 300 dpi)

20-4,660%

##### Color depth

48 bits (16 bits per color)

##### Density (max)

4.3D

##### Density range

4.0D

##### Productivity

65 Scans per hour (batch mode)  
Benchmark: 6 x 7 cm, 250% at 300 dpi

##### Scanning area

12 x 17 in (305 x 432 mm)

##### 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

##### Workflow features

oXYgen scanning application – SOOM workflow  
Parallel workflow  
Full ICC color management  
Direct scan  
SmartSet function  
Automatic image analysis  
CMYK,RGB and USM (unsharp masking)  
Image editing and proofing tools, including HLS color correction,  
LS curve, split screen and color masks

##### Archive mode

16 bit DT (digital transparency) files



EverSmart Supreme Scanner

## Physical Specifications

### Operating environment

#### Temperature:

- Operating 61 to 80° F (16 to 27° C)
- Storage 14 to 131° F (-10 to 55° C)

#### 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 (HxWxD):

14 x 34 x 27.5 in (360 x 870 x 700 mm)

#### Weight:

154 lb (70 kg)

### Standards conformance

UL, FCC, CE, ISO 9002

### Training: (included with each scanner)

oXYgen Scanning Application Tutorial  
oXYgen Training Application  
Scanners Training CD

## oXYgen scanning application

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

## Software Requirements

### Platform: Apple® Macintosh, G3 processor or higher

#### - OS

Mac OS 9.1 or higher (OS X support in Q1 2003)

#### - Available RAM

175 Mbytes of free RAM for oXYgen application (not incl. memory for system software)

#### - Free disk space

1 GB free hard disk space

#### - Display

24-bit color, 17 in or larger monitor recommended

#### - Interface

SCSI

## Let's Talk

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

[www.creo.com/scanners](http://www.creo.com/scanners)

## About Creo

Creo (NASDAQ:CREO; TSE:CRE) is the world's largest independent supplier of prepress systems, with sales and support offices across the globe. Creo produces digital photography equipment; professional color and copydot scanning systems; variable information workflow systems; inkjet and halftone digital proofers;

computer-to-film and computer-to-plate devices; color servers for print-on-demand digital printers, and a comprehensive range of workflow, business management, networking, variable information, and creative software products. Creo is also an OEM supplier of on-press imaging technology and components for digital presses.

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