



PEOPLE



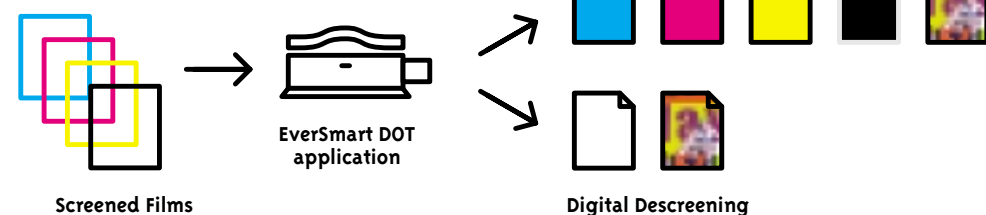
METAL

### OPTIMIZE IMAGE QUALITY WITH SMARTSET FEATURE

Built with Scitex expertise, SmartSet is a powerful function that automatically modifies the scanning parameters of an image according to supplied input categories. SmartSet enables you to optimize the quality of your image with a single key stroke. Once you define the correct input category — such as people, outdoor, metal or still life — all scanning parameters are updated accordingly. Image analysis, tone reproduction, gradation, sharpness and color transformations are performed on-the-fly. With SmartSet, there are no limits to creativity. You can add categories and customize the supplied tables for fine-tuning the response of your scanner.

### EVERSMART DOT APPLICATION FOR SCANNING SCREENED FILMS

Screened films can now be integrated into the digital workflow with the Scitex EverSmart DOT™ application, an optional feature of the EverSmart Supreme scanner. With the EverSmart DOT application, you can scan the supplied films using two optional scanning workflows: Copydot or Digital Descreening. Using Scitex XY Stitch scanning technology, the EverSmart DOT application provides an optical resolution of 2,540 dpi across the entire board for creating perfect reproductions of screened originals.



Select a category, such as People or Metal, and SmartSet will automatically set the scanning parameters for creating a rich and vibrant image.

**COPYDOT**  
Four high-resolution pre-separated files and one low-resolution placement file



**Digital Descreening**  
One combined continuous tone (CT) file and a low-resolution placement file

### EVERSMART SUPREME SPECIFICATIONS



#### Technology

Scanning Technology:

Flatbed CCD scanner; Tri-Linear 8000-element, anti-blooming CCD; up to 67,100 pixels per line  
Scitex XY Stitch scanning technology  
CCD Dynamic Cooling system  
Scitex MaxDR function

Illumination:

Specially designed, high-intensity 32 W fluorescent lamps; tailored to CCD spectrum response

#### Size Independent Resolution

Maximum scanning resolution:

14,000 dpi over the entire scanner format

Optical resolution:

5,600 x 14,000 dpi over the entire scanner format

#### Density & Color Depth

Maximum density:

4,3

Density range:

4,0

Color depth:

48 bits (16 bits per color)

#### Productivity

Over 65 scans per hour, batch mode.

50 scans per hour, using user defined mask.

Benchmark: 6 x 7 cm, 250%, 300 dpi, standard mode, using Macintosh G3 B&W 400 MHz computer

#### Input

Scanning area:

12 x 17 in. / 305 x 432 mm

Original types:

Transparent (positive and negative), reflective, framed slides, lineart, printed material, halftone screened films

Reflective — unlimited

Transparent — 5 mm

Maximum original thickness:

#### Output

Scaling (at 300 dpi):

20-4,660% for any size original

Scan modes:

CMYK, RGB, gray scale, lineart (bitmap & LW), ICC for color management

#### File formats supported:

**Scitex:** Scitex CT™, Scitex LW™, Scitex New LW™, Scitex PSImage™

**EPSF:** Normal, DCS1, DCS2, ICS and bitmap

**TIFF:** RGB, CMYK, CMY, and bitmap

**PICT:** RGB and bitmap

**Adobe Photoshop™:** CMYK

Apple Power Macintosh (G3) — 300 MHz

Apple Macintosh System version 8.1 or higher

128 MB of available memory (RAM) for scanning application (not including memory for system software)

500 MB internal hard disk

24-bit color display

17 in. monitor

#### Platform Requirements (minimum)

#### Electricity Requirements

Input power voltage:

100-240 Vac : 50/60 Hz — Automatic voltage selection

Power consumption:

290 W — operation

200 W — standby

#### Dimensions (HxWxD)

#### Weight

#### Environment

Operating temperature:

61-80° F / 16-27° C

Humidity:

40-70% non-condensing

Acoustic noise level:

55 dBA — operation

45 dBA — standby

#### Specification Conformance

UL, CE, ISO 9002



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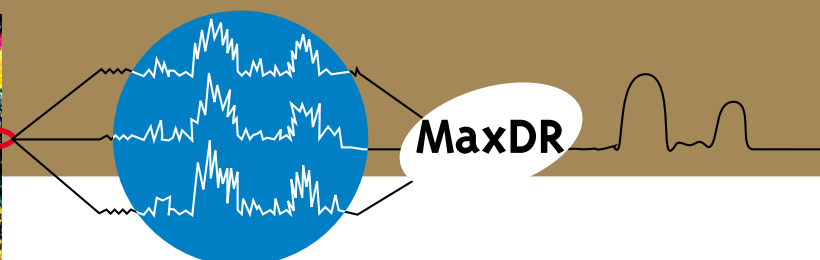
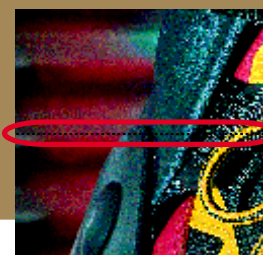
## EVERSMART SUPREME

INNOVATIVE SCANNER  
FOR TOPFLIGHT QUALITY



## EVERSMART SUPREME

The Scitex EverSmart Supreme scanner is a step up to first-class scanning. It incorporates innovative scanning technologies, including Scitex XY Stitch, CCD Dynamic Cooling and Scitex MaxDR that together provide supreme quality, everywhere. High productivity features allow you to produce more than 50 high-quality scans in one hour. The scanner also offers complete flexibility in image size, thickness, material and format. Built with Scitex scanning expertise, the EverSmart Supreme scanner allows you to extract maximum detail from all areas of the artwork for topflight image quality.



Multiple sampling is performed on each line of an image, with the same line being sampled three times, or more. The samples are then averaged to produce high-quality data, resulting in a cleaner, sharper image.

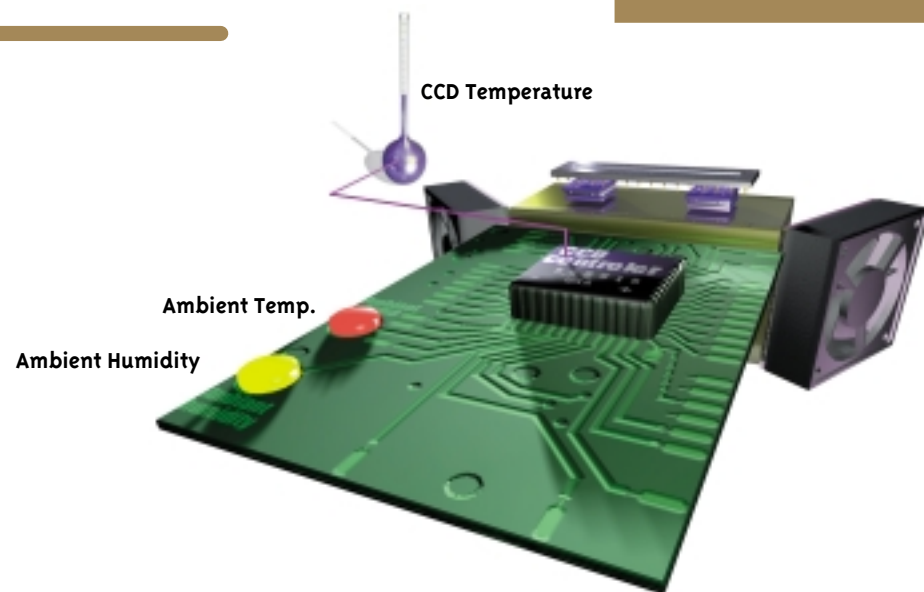
### INNOVATIVE SCANNING TECHNOLOGIES FOR SUPREME QUALITY

Scitex XY Stitch™ scanning technology – provides high resolution and sharpness over the entire scanning format for any size original. With the scanner head moving along the X and Y axes, each image is scanned optimally. High image quality is maintained even with large originals. For example, an 8x10 inch image is scanned in several strips at a record-breaking optical resolution of up to 5,600 dpi to capture maximum information. Stitching is performed on-the-fly to further increase productivity.

**CCD Dynamic Cooling system** – By optimizing the sensitivity of the CCD, dynamic cooling enables the scanner to better differentiate a wide range of color tones. While continually monitoring the ambient temperature and humidity levels, the Dynamic Cooling system actively cools the CCD to maintain it at its optimum temperature. This process results in top-quality images with maximum detail everywhere.

**Scitex MaxDR™** – The quality of an image can be improved even further with Scitex MaxDR (Maximum Dynamic Range). This technique distills high-quality image data from additional scanned data to improve the dynamic range in dark to mid-tone areas.

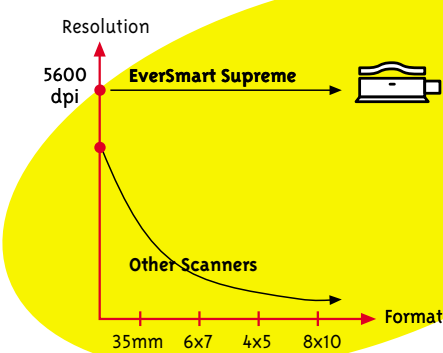
The CCD Dynamic Cooling system together with the Scitex MaxDR feature produce a record maximum density value of 4.3 for superb shadow detail.



Together, thermo-electric coolers, cooling plates, fans and a cooling control board actively cool the CCD to maximize its sensitivity.

### POWERFUL FEATURES FOR HIGH PRODUCTIVITY

The EverSmart Supreme scanner excels in productivity. Parallel workflow technology enables you to interactively set parameters for the previewed image in the foreground, while the scanner captures and processes other images in the background. With the EverSmart Supreme scanner, more than 50 high-quality scans can be performed in one hour. Moreover, Scitex XY Stitch scanning technology provides full-board productivity, enabling you to scan up to seventy 35mm images in high resolution all in one job.



Regardless of original image size, the EverSmart Supreme scanner provides a consistently high resolution for uniform sharpness and quality. Since other scanners cannot perform stitching they use zooming, causing resolution to drop drastically when image size is increased.

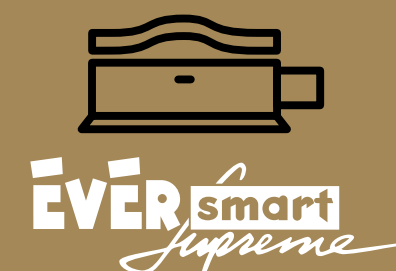
### FLEXIBLE WORKFLOW FOR MAXIMIZING SCANNER PERFORMANCE

All input types can be scanned with the EverSmart Supreme scanner: transparent and reflective, positive and negative, color or black-and-white, printed material, lineart, framed slides and screened films. In addition, the scanner offers complete flexibility in image size, thickness, material and format. The EverSmart Supreme scanner supports all types of common scanning workflows: CMYK for printing and RGB for second generation images, archiving and online screen applications. ICC is fully supported for working in color management environments.

### PROFESSIONAL IMAGE-EDITING AND PROOFING TOOLS FOR FULL CONTROL

The EverSmart Supreme application provides an intuitive, workflow-oriented interface for facilitating image control. A host of scanning controls, such as end points, global and selective color correction, as well as sharpness, gradation and gray controls offer several levels of operation, helping you achieve the exact results you want. These tools are available in all scanning modes, including negative.

Several soft proofing features improve output predictability. These include a Split Screen feature, which allows side-by-side, before-and-after viewing of an image, sample points control and a screen match capability.



Global and selective color correction features enable you to modify an entire color group or specific colors in selected areas using Hue, Saturation and Luminance (HSL) tools.