iQsmart²
high-resolution, high-productivity flatbed scanner

Introducing the iQsmart²™ scanner, a new professional scanner that combines sharp images with high-speed operation to boost your scanning workflow. Surpassing any other scanner in its price range, the iQsmart² scanner gives anyone the power to create innovative, high-quality scans to the highest professional standards.

- high resolution: 4,300 dpi optical, 8,200 dpi interpolated
- XY Stitch scanning technology: consistent resolution and sharpness for any size original
- Inverted CCD: improved scanning performance
- oXYgen Lite scanning application: intelligent, automated scanning for professional results

Advanced scanning technology for professional results

The iQsmart² scanner features true optical resolution of up to 4,300 dpi from edge to edge and produces razor-sharp scans from any size original. Exclusive XY Stitch scanning technology assures consistent quality through sharper imaging for any type original, anywhere on the scanning bed.

The Inverted CCD, an innovative downward-facing CCD, dramatically improves scanning performance by preventing fine dust particles from settling on the CCD surface.

Powerful software and high scanning speed meet professional needs

oXYgen Lite scanning accelerates scanning performance and productivity with the full set of professional image-editing tools, ICC Color management, and automation. With an iQsmart² you can scan up to 96 35mm slides in one job, and run up to 50 scans an hour. Intuitive, easy-to-understand presets give you professional results quickly—you determine the scan's intended use, and the software sets the parameters accordingly.

creo™

General Specifications

Technology

Flatbed CCD scanner
Tri-linear 10,200 element
XY Stitch scanning technology
Inverted CCD

Illumination

Transparent, reflective: cold cathode lamp

Original types

Transparent (positive and negative)
Reflective
Framed slides
Line art
Printed material

Original thickness

Reflective – unlimited
Transparency – 5 mm (3/16 in)

Interface

Firewire/IEEE 1394

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)

Electrical requirements

Voltage:

100 to 240 VAC; 50 to 60 Hz.
Automatic voltage selection

Power consumption:

| Operating: | 65W |
| Standby: | 50 W |

Physical characteristics

Size (HxWxD):

240 x 850 x 590 mm (9.4 x 33.5 x 23.2 in)

Weight:

35 kg (77 lb)

Standards conformance

FCC, CE, ISO 9002

Training: (included with each scanner)

oXYgen Scanning Application Tutorial
oXYgen Training Application
Scanners training CD

Imaging Specifications

Maximum resolution (optical)

4,300 x 8,200 dpi

Maximum resolution (interpolated)

8,200 dpi

Scaling (at 300 dpi)

20-2700%

Color depth

48 bits (16-bit color depth)

Density (max)

3.9D

Density range

3.7D

Productivity

50 scans an hour (group scan mode)
Benchmark: 6x7 cm, 250% at 300 dpi

Scanning area

305 x 457.2 mm (12 x 18 in)

Output file formats

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

Workflow features

oXYgen Lite scanning application
Full ICC color management
Rotation
Rescan
Auto detection
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

iQsmart² scanner

oXYgen Lite scanning application

With intuitive controls, automated features, intelligent default settings, and sophisticated imaging control, Macintosh®-based oXYgen Lite software puts the full imaging power of the iQsmart² scanner in your hands.

Optional scanning enhancement: Oil Mounting Station

Improve the scan quality of cracked or scratched originals by bathing them in scanning oil.

Macintosh Software Requirements

Apple® Power Macintosh® G4

Mac OS 9.2 or OS X (version 10.2.3 Jaguar or later)

CD-ROM drive (required for software installation)

200 MB RAM for oXYgen scanning application (not including memory for the system software)

Minimum 2 GB of free internal hard disk space

24-bit color display

Minimum 17-in. color monitor with a display capability of millions of colors

PC System Requirements

Intel® Pentium® III or IV processor with minimum speed of 866 MHz

Microsoft® Windows 2000 Service Pack 2 (English version) or Windows XP

CD-ROM drive (required for software installation)

256 MB RAM for oXYgen scanning application

1 GB free hard disk space

24-bit color display

Minimum 17-in. color monitor with a display capability of millions of colors

Firewire/IEEE 1394 interface

Image Color Management (ICM) version 2.0 or later

Administrator rights (for installation process only)

Let's Talk

Contact your Creo representative to learn more about the iQsmart family of scanners, and how they fit into a photo studio environment.

www.creo.com/scanners

About Creo

Creo (NASDAQ:CREO; TSX: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.

Produced using Creo technology

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