Kodak iQsmart³ scanner specification highlights

General Specifications

Technology	Flatbed CCD scanner, trilinear 10,200-element CCD, 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, halftone screened films
Original thickness	Reflective, unlimited; transparency, 4.5 mm (3/16 in.)
Light table	Built-in
Interface	**FireWire**/IEEE 1394

Imaging Specifications

Maximum resolution	10,000 dpi
Maximum optical resolution	5,500 x 10,000 dpi (for all original image sizes)
Scaling (at 300 dpi)	20%–3,300%
Color depth	48 bits (16-bit color depth)
Maximum density	4.1D
Density range	3.9D
Productivity	85 scans per hour in Productive Group Scan mode; benchmark: 6 x 7 cm, 250% at 300 dpi
Scanning area	A3: + 305 x 457.2 mm (12 x 18 in.) for transparent, reflective, and negative scanning A3: + 330.2 x 457.2 mm (13 x 18 in.) for copydot scanning
Output file formats	CT, LW, New LW; EPSF: normal, DCS 2, JPEG compression, CCITT compression; TIFF: RGB, CMYK, JPEG compression, JPEG

Application Features

oXYgen Scan software (for **Macintosh** computers)	Parallel workflow; full **ICC** color management; rotation; rescan; auto detection; 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
Archive mode	16-bit DT files, 16-bit RGB TIFF files, 16-bit B/W TIFF files
oXYgen LE software (for **Windows**)	Full **ICC** color management; rotation; direct scan; **SmartSet** function; automatic image analysis; CMYK and RGB scanning modes; image editing and proofing tools, including HLS color correction, split-screen views, and unsharp masking (USM)
Archive mode	16-bit DT files, 16-bit RGB TIFF files, 16-bit B/W TIFF files

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: 65 W, standby: 50 W
Physical characteristics	Size (H x W x D): 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 tools	oXYgen Scan: Application Learning Guide (**Mac** only), oXYgen training programs, color theory training programs, Quick Reference Guide

Software Requirements

Apple Power Macintosh G4 and G5 with one free built-in **FireWire** port, **Mac OS** X (version 10.3.x and 10.4.x), 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

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Kodak iQsmart³
Scanner

Kodak

Imaging excellence and high productivity for professionals

Streamline and accelerate your scanning workflow with consistently sharp images, automation, and high-speed production. Featuring a range of advanced scanning technologies, the Kodak iQsmart³ scanner is an affordable solution for professionals requiring top-quality scans with an efficient, versatile workflow.

Highlights:

- **High resolution: 5,500 dpi optical, 10,000 dpi interpolated**

- **XY Stitch scanning technology: consistent resolution and sharpness for any scanned original**

- **Inverted CCD: improved scanning performance**

- **High scanning speed: 85 scans per hour***

- **Spectacular color range and depth: true 16-bit color and a maximum density of 4.1D**

- **16-bit SOOM workflow: save time by preserving scans for reuse**

- **oXYgen DOT Solution (optional): professional copydot scanning and digital descreening**

Advanced scanning technologies

The **iQsmart³** scanner has a true optical resolution of up to 5,500 dpi from edge to edge. 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 inverted charged coupled device (CCD), an innovative downward-facing CCD, increases the scan quality, reliability, and performance of the **iQsmart³** scanner by virtually eliminating a major source of image degradation: fine dust particles on the CCD surface.

The **iQsmart³** scanner is an efficient, versatile scanner that delivers production-quality scans at a rate of 85 scans per hour* and allows you to scan up to 96 35-mm slides in one job. Its large scanning bed of 330 x 457 mm (13 x 18 in.) can accommodate two A4-size films simultaneously, or one A3-size film.

oXYgen Scan software and flexible workflow meet the most demanding needs

oXYgen Scan software accelerates scanning production and improves 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 repurposing, eliminating the need for rescanning.

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 intended use of the scan, and the software sets the parameters accordingly. The optional oXYgen DOT Solution software allows you to digitize halftone film separations to produce sharp, 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 the need of a scanner.

oXYgen DOT Solution

Use your **iQsmart³** 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.

Kodak
iQsmart³
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* Benchmark: 6 x 7 cm, 250% at 300 dpi in Productive Group Scan Mode.