Kodak iQsmart[1] Scanner specification highlights

General Specifications	
Technology	Flatbed CCD scanner, trilinear 10,200-element CCD, XY 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.)
Interface	**FireWire**/IEEE 1394
Imaging Specifications	
Maximum resolution	7,500 dpi
Maximum optical resolution	3,200 x 7,500 dpi (for all original image sizes)
Scaling (at 300 dpi)	20%–2500%
Color depth	48 bits (16-bit color depth)
Maximum density	3.9D
Density range	3.7D
Productivity	50 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
Output file formats	CT, LW, New LW; EPSF: normal, DCS 2, JPEG compression, CCITT compression; TIFF: RGB, CMYK (with optional dongle), JPEG compression, JPEG
Maximum enlargement	2500%
Application Features	
oXYgen Scan Software (for **Macintosh** computers)	Parallel workflow (with optional dongle); full ICC color management; rotation; rescan; auto detection; direct scan; SmartSet function; automatic image analysis; CMYK (with optional dongle) 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 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; RGB scanning modes; image editing and proofing tools, including HLS color correction, split-screen views, and unsharp masking (USM)
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 Software 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). PC with Intel Pentium III or IV processor with minimum speed of 860 MhZ, **Microsoft Windows** XP or 2000. 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.

Kodak
iQsmart[1]
Scanner

Kodak

Quality, flexibility and automation at an affordable price

Outperforming any other scanner in its price range, the **Kodak iQsmart**[1] Scanner enables creative professionals to capture high-quality digital images, accurately preserving the artistry of photographs.

Highlights:

- High resolution: 7,500 dpi interpolated, 3,200 dpi optical

- XY Scanning Technology: consistent resolution and sharpness for any scanned original

- Inverted CCD: improved scanning performance

- High scanning speed: 50 scans per hour*

- Spectacular color range and depth: true 16-bit color and a maximum density of 3.9D

Advanced scanning technologies

The **iQsmart**[1] Scanner has a true optical resolution of up to 3,200 dpi from edge to edge, and a maximum interpolated resolution of 7,500 dpi. Exclusive XY 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 **iQsmart**[1] Scanner by virtually eliminating a major source of image degradation: fine dust particles on the CCD surface.

The **iQsmart**[1] Scanner is an affordable and versatile scanner that delivers production-quality scans at a rate of 50 scans per hour* and allows you to scan up to 96 35-mm slides in one job, on a large scanning bed of 330 x 457 mm (13 x 18 in.).

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

oXYgen Scan Software and flexible workflow meet the most demanding needs

With oXYgen Scan Software, you can scan for all types of workflows and output devices, including, RGB, 16-bit, CMYK (with optional dongle) 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.

Optional scanning enhancements

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.

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Scanner