

IQSMART 1, IQSMART 2 & IQSMART 3 – SPECIFICATION COMPARISON

SPECIFICATION COMPARISON BETWEEN MAC PLATFORM IQSMART SCANNERS

	IQSMART 1	IQSMART 2	IQSMART 3
TECHNOLOGY	X/Y	X/Y STITCH	X/Y STITCH
TRI-LINEAR COLOUR CCD	10,200 Elements	10,200 Elements	10,200 Elements
INVERTED CCD	YES	YES	YES
SCANNING AREA – A3+ STANDARD (18 x 12 ins.)	457.2 mm x 305.0 mm	457.2 mm x 305.0 mm	457.2 mm x 305.0 mm
SCANNING AREA – A3+ COPYDOT (18 x 13 ins.)	N/A	N/A	457.2 mm x 330.2 mm
OPTICAL RESOLUTIONS:			
35 mm	3,200 dpi	4,300 dpi	5,500 dpi
6 x 6 cm	3,200 dpi	4,300 dpi	5,500 dpi
4 x 5 ins	2,100 dpi	4,300 dpi	5,500 dpi
8 x 10 ins	1,180 dpi	4,300 dpi	5,500 dpi
ENTIRE SCANNING BED	1,180 dpi	4,300 dpi	5,500 dpi
MAXIMUM RESOLUTION	7,500 dpi	8,200 dpi	10,000 dpi
MAXIMUM OPTICAL RESOLUTION	3,200 dpi x 7,500 dpi	4,300 dpi x 8,200 dpi	5,500 dpi x 10,000 dpi
MAXIMUM ENLARGEMENT	2,500%	2,700%	3,300%
MAXIMUM DENSITY	3.9 D	3.9 D	4.1 D
DENSITY RANGE	3.7 D: 0.2 - 3.9 D	3.7 D: 0.2 - 3.9 D	3.9 D: 0.2 - 4.1 D
COLOUR DEPTH (BIT DEPTH)	48 Bit	48 Bit	48 Bit
PRODUCTIVITY: UTILISING PRODUCTIVE GROUP SCAN MODE	50 Scans Per Hour	50/85 Scans Per Hour	85 Scans Per Hour
LIGHT TABLE	N/A	N/A	BUILT-IN
INTERFACE	FireWire/IEEE 1394	FireWire/IEEE 1394	FireWire/IEEE 1394
SCANNING APPLICATION (MACINTOSH)	oXYgen RGB	oXYgen	oXYgen + DT
OXYGEN VERSION	2.6.3 or 2.6.4	2.6.3 or 2.6.4	2.6.3 or 2.6.4
MAC HARDWARE	G4, G5, MAC PRO	G4, G5, MAC PRO	G4, G5, MAC PRO
MAC OPERATING SOFTWARE	10.4.x, 10.5.x, 10.6.x	10.4.x, 10.5.x, 10.6.x	10.4.x, 10.5.x, 10.6.x
PARALLEL WORKFLOW	OPTIONAL	N/A	INCLUDED
EXTENDED PARALLEL WORKFLOW	N/A	OPTIONAL	INCLUDED
CMYK WORKFLOW	OPTIONAL	INCLUDED	INCLUDED
SOOM WORKFLOW (Scan Once Output Many)	N/A	N/A	YES
COPYDOT MODE & WORKFLOW	N/A	N/A	OPTIONAL
OIL MOUNTING STATION	OPTIONAL	OPTIONAL	OPTIONAL
16 BIT RGB ARCHIVE MODE	YES	YES	YES
16 BIT BLACK & WHITE ARCHIVE MODE	YES	YES	YES
16 BIT DT ARCHIVE MODE	N/A	N/A	YES
16 BIT DIGITAL TRANSPARENCY (DT) CAPABILITY	N/A	N/A	YES
SCIENTIFIC RESEARCH & SPECIAL USE MODULE (Manual focal length adjustment and other unique features)	N/A	N/A	YES
APPLICATION FEATURES:			
Unsharp Masking (USM)	YES	YES	YES
Direct Scan	YES	YES	YES
Productive Group Scan Mode	YES	YES	YES
Automatic Image Analysis	YES	YES	YES
HLS Colour Correction & LS Curves	YES	YES	YES
Advanced Negative End Points Tool	YES	YES	YES
Split-Screen Views	YES	YES	YES
Colour Masks	YES	YES	YES
Rotation	YES	YES	YES
Rescan	YES	YES	YES
Auto Detection	YES	YES	YES
Full ICC Colour Management	YES	YES	YES
Smartset function	YES	YES	YES