

Bookeye 3 – R2



Optical System

Maximum scan area:	640 x 520 mm / 25.2 x 20.5 inch
Scanner resolution:	600 x 600 dpi
Optical resolution:	400 x 600 dpi
Autofocus range	120 mm / 4.7 inch
Max. document thickness	120 mm / 90 mm (without / with glass plate)
Color depth	36 bit color, 12 bit grayscale
Scan modes:	24 bit color, 8 bit indexed color
	8 bit grayscale,
	Bitonal, enhanced halftone
Camera	CCD-Camera, 22,800 pixel

Electrical Specifications

This device is Energy Star compliant.



Voltage	100–240V AC
Frequency	50/60 Hz

Power Consumption

Stand-by	0.1 W
Self-test mode	135 W
Ready to scan, lamps off	90 W
Scanning	260 W
Pre-scan	130 W

Moving the book cradle

Both plates simultaneously	128 W
Single plate	108 W

Illumination System

Light source:	Two lamps with linear positioned white LEDs
Warm-up time:	None. Maximum brightness immediately after switch-on.
Temperature dependency	None
UV / IR emission:	None
Luminosity	4500 LUX (scanning)
	1000 LUX (stand-by, 300 sec.)
	0 LUX (stand-by, idle)
Lamp life time:	50,000 hours scanning time

Dimensions and Weight

Scanner outer dimensions (without lamps)	1065 x 670 x 700 mm (H x W x D) 41.9 x 26.4 x 27.6 inch
Scanner outer dimensions (lamps attached)	1065 x 1270 x 700 mm (H x W x D) 41.9 x 50 x 27.6 inch
Weight of Scanner, incl. glass plate	68,5 kg / 151 lbs.
Dimensions Transport Box (contains main body, camera head in separate box, lamps, camera neck, test target folder, assembly material, tools and cables)	595 x 1405 x 900 mm (H x W x D) 23.4 x 55.3 x 35.4 inch
Weight of Transport Box	52,5 kg / 115.5 lbs.
Total shipping weight	121 kg / 266.2 lbs.

Book Cradle

Maximum load / book cradle plate	15 kg / 33 lbs.
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Ambient Conditions

Operating Temperature	+5 to +40 °C / +40 to +105 °F
Storage Temperature	0 to +60 °C / +32° to +140 °F
Relative Humidity	20 to 80% (non-condensing)
Ambient luminance	≤ 300 LUX
Noise Level	< 50 dB(A) (Operating) < 30 dB(A) (Stand-by)

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