

# Océ 4700/CS4000 Series



**Color Scanners for large format scan-to-file and copying**

*Professional scanning performance to complete your system*



## Océ Scanners

	4715	4730	4770	4780	CS4040/ CS4050	CS4040/ CS4050 +upgr. kit 1	CS4040/ CS4050 +upgr. kit 2
Color scanning	No	No	Yes	Yes	Yes	Yes	Yes
Optical resolution (dpi)			288	400	400	400	400
Scanning resolution (dpi)	25-400	25-800	50-300	50-600	50-800	50-800	50-800
Total number of pixels	8,000	16,000	10,000	15,000	21,400	21,400	21,400
Number of sensors	1	2	2	3	4	4	4
Speed (at 400 dpi - 24 bit RGB)	-	-	-	-	0.8 ips	1.0 ips	1.3 ips
200 dpi - 24 bit RGB	2.4 ips	2.4 ips	1.4 ips	1.0 ips	1.6 ips	2.0 ips	2.6 ips
Sharpening/softening filters					no	yes	yes
ADL (Area Diffusion Logic)					no	no	yes
Media thickness - maximum	.12"	.12"	.12"	.12"	0.6"	0.6"	0.6"
Media width - maximum	40"	40"	40"	40"	51.5"	51.5"	51.5"
Width scan - maximum	36"	36"	36"	36"	40"/50"	40"/50"	40"/50"

## General specifications

Scanning modes color:	Full color RGB (24 bit), specified color (8 or 4 bit), index color (8 or 4 bit), Océ 4050 (36 bit) capture
monochrome:	Grayscale (8 bit), B&W (1 bit)
Recalibration	Possible for special documents
Scan length	Unlimited by scanner
Light source	Stabilized fluorescent lamp
Optics	Apochromatic lenses
Original loading	Automatic loading from front side (straight document path)
Automatic size recognition	All page sizes can be introduced anywhere across the scanning width
Interface	Fast SCSI-2
Color adjustment	3x3 Matrix multiplier, R,G & B Tone curves, White and Black points
Interface	Dual ultra fast SCSI-2
Pedestal	Standard (desktop compatible)
Power requirements	100 to 240 V, 50 to 60 Hz
CS4000 Series:	
Weight	143.3 pounds (65 kg)
Dimensions (w x d x h)	61.4" x 18.3" x 7.3"
4700 Series:	
Weight	95 lbs. (43 kg)
Dimensions (w x d x h)	48.4" x 24.8" x 39.8"
Output catch tray	optional for CS4000 Series

## Océ Color Copy Software—Scan and Print On-The-Fly

Systems supported	Windows 95 and Windows NT 4.x
Printers supported	Océ CS5000 Series, Océ 5350, Encad Novajet PRO600e, HP DesignJets 2000/2500, 3000/3500, 1050/1055
Copy modes	Map, line art, photo, black/white, user filter
Color calibration	Automatic—using a different profile for each ink/media/machine combination
Copy functions	Preview, cropping, scaling, paneling, archiving
Manual mode adjustments	RGB or CMYK color gamma, contrast, brightness, white/black point
Processing	Prints within seconds of scanning

## Océ Scanning Software—functions performed on-the-fly

Scanning management	Viewing (graytone and black/white), histogram analysis, format conversion, printing/plotting
File formats	Over 50 input and output formats including TIFF, JPEG, BMP, RLC
Preset configurations	For automatic setup of scanning parameters
Batch scanning capability	With automatic naming of files
Deskewing	Horizontal alignment of skewed documents
Despeckling	Removal of unwanted 'specks' (user definable)
2D adaptive threshold	Optimum threshold level calculated for every pixel – removes unwanted background
Color extraction	Reduces 24 bit scan to 8 or 4 bit using customizable look-up tables (color models only)
Viewing	Interactive on-the-fly viewer
Line enhancement	Thickens fine lines and emphasizes edges
Multibuffering	Non-stop scanning for quality and productivity
Image processing	Contrast and brightness adjustment on gray tones
Image manipulation	Mirroring, rotating, black/white reversing
Leading edge elimination	Skips leading edge for optimum efficiency

## Minimum Color Recommendations

Pentium III, 500 Mhz  
256 Mb RAM  
10 GB Hard Drive  
Video board - 8 Mb  
Windows 95 or higher  
Ethernet board

## Connection kit

SCSI cable, scanning software, manual and a SCSI interface for PC ISA bus

Océ machines and materials are marketed by the Océ Group of companies in Australia, Austria, Belgium, Brazil, Brunei, China, Czech Republic, Denmark, Finland, France, Germany, Hong Kong, Hungary, Ireland, Italy, Luxembourg, Malaysia, Netherlands, Norway, Poland, Portugal, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, United Kingdom and United States. Océ cooperates with licensees or distributors in most other countries of the world.



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Printing for Professionals



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