



# Océ

## CS2344

# Broaden your colorful horizons



### Océ CS2344 Specification sheet

#### Printer

##### Technology

Thermal inkjet printer

##### Printer width

44 inches

##### Print heads

Two 6-color, 1 inch integrated print heads.  
15,360 nozzles per print head. 2560 nozzles  
per color. Droplet size 4 pl per color

##### 8 colors

Océ large color gamut pigment ink:  
Matt Black, Black, Photo Cyan, Cyan,  
Photo Magenta, Magenta, Yellow, Gray

##### Type ink

Océ CS2344 pigment inks

##### Max. printing resolution

2,400 × 1,200 dpi

##### Size ink tanks

330 ml and 700 ml per color

##### Ink level monitoring

Ink level indication via display on printer,  
via printer driver, via web (IP)

Out-of-ink notice via display on printer,  
via printer driver, via web (IP)

##### Color modes

Color, B&W/grayscale

##### Quality modes

Draft, default, high, highest (advanced)

##### Printing speed

- 1:44 minute for Ao full color image in draft mode (Océ standard paper)
- 3:10 minute for Ao full color image in default mode (Océ Premium Plus paper)
- 4:50 minute for Ao full color in highest quality mode (Océ Smart Dry Photo paper)

##### Stand

Printer stand and paper storage bin included

##### Standard interface

- Type: Built-in
- Standard: IEEE 802.3 10base-T; IEEE 802.3u 100base-TX / Auto-Negotiation; IEEE 802.3 × Full Duplex
- USB 2.0 Hi Speed

##### Standard accessories

- Océ CS2344 printer
- Two Océ (IH-035) print heads

- 8 ink tanks (MBK, BK, PC, C, PM, M, Y, GY)
- 1 roll holder 2 inch
- 1 cutter blade
- 1 maintenance cartridge
- Power cables, drivers and user manuals
- 1 roll (IJM 152) Océ SmartMatt Paper 180 g/m<sup>2</sup> 36 inch (914 × 30m)
- Onyx CADPro v7

##### Installation

User-installable, installation guide and tools included

##### Options

- Additional 2-inch roll holder
- Additional 3-inch roll holder
- Media take-up unit
- Onyx GraphicsPro v7

##### Operator panel display

Large LCD screen for convenient operation

##### Languages on display

US English, French, German, Italian, Spanish, Russian, Chinese (simplified), Korean, Japanese (Kanji)

##### Hard disk

Integrated hard disk 80 GB



### Buffer memory

384 MB. Memory is used for processing. Spooling on harddisk

### Operating systems supported

Windows 2000, Windows XP, Server 2003, Vista (32-bit and 64-bit), Mac OS X or later

### Innovative ink tank system

Continues printing even when cartridges have to be changed

## Media

### Media source

- 1 roll: front-loading and front output
- Single sheet: front-loading and front output

### Media thickness

Roll paper and single sheet 0.07 – 0.8 mm

### Media types

- Océ Draft Paper
- Océ Standard Paper
- Océ Premium Plus Paper 90g/m<sup>2</sup>
- Océ SmartMatt Paper
- Océ Smart Dry Photo Paper Gloss 190 g/m<sup>2</sup>
- Océ Smart Dry Professional Gloss 240 g/m<sup>2</sup>
- Océ Smart Dry White Film Gloss 125 µm
- Océ Smart Dry Backlit Film Front
- Océ Artist Grade Canvas Matt M1/B1
- Océ PolyProp Outdoor Banner
- Océ Outjet Blue
- Océ Smart Dry Light Block Film
- Océ Art Paper Linen

- Océ Self-adhesive Outdoor Vinyl Matt
- Océ Outdoor Tyvek
- Océ Check Plot Bond
- Océ Deluxe Bond
- Océ Premium Color Bond
- Océ PrintPerfect Matte Photopaper
- Océ Pro-Select Luster Photo Paper
- IPS Economy paper
- IPP Premium paper
- IPA Advance paper
- IPT Tracing paper

### Media sizes roll

- Width: Max; 1,118 mm, min; 254 mm
- Length: Max; 18,000 mm, min; 203.2 mm

### Media sizes cut sheets

- Width: Max; 1,118 mm, min; 203.2 mm
- Length: Max; 16,000 mm, min; 203.2 mm

### Media core size

Internal diameter of roll core: 2 inch, 3 inch optional

### Width detection

Automatic

### Roll length detection

Remaining amount detection

### Drawing margin roll

- Top: 20 mm
- Bottom: 5 mm
- Sides: 5 mm

### Drawing margin cut sheets

- Top: 20 mm
- Bottom: 23 mm
- Sides: 5 mm

### Printable area

Roll paper: Top: 5 mm; bottom: 5 mm; sides 5 mm

### Borderless printing

- For roll media only on photo and heavy coated paper
- Margin leading & trailing: 0 mm; sides: 0 mm
- Supported widths: Inches: 10", 14", 16", 24", 36", 42" and Ao, A1, 515 mm (JIS B2), 1,030 mm (JIS B0)

### Maximum outside diameter of roll paper

150.0 mm

## Environment

### Dimensions printer with stand

1,893 (W) × 975 (D) × 1,144 (H) mm

### Weight printer with stand

Approx. 140 kg

### Electrical requirements

100 – 240 V AC (50/60 Hz)

### Power consumption

- Operating: 190 W or less
- Sleep mode: 100 – 120 V: 5 W or less
- Sleep mode: 220 – 240 V: 6 W or less
- Power off (standby): 1 W or less

### Noise

- Operating: 50 dB or less
- Standby: 35 dB or less

### Safety approvals

CE Mark, CB Certification, TUV (GS), Gost-R, UL, FCC class B

### Others

Energy star, ROHS, WEEE

## Drivers & RIPs

### Drivers

Windows 2000, Windows XP, Windows Server 2003, Vista 32-bit & 64-bit, Mac OS X or later.

### Automated printing process

Océ predefined settings:

- Media
- Print mode
- Color
- Automatic loading of Océ media profile

### Back channel communication via driver & internet browser (IP address)

- View job status
- View queue
- View ink level
- View waste ink level

### Bundled standard RIP

Onyx CADPro v7

### Optional RIP

Onyx GraphicsPro v7

### Optional software for graphics & posters

Onyx Postershop

### Onyx GraphicsPro (optional)

Adds ability to output PostScript and raster files directly to printer. Includes PostScript driver for printing from Windows or Mac OS applications.

### Onyx CADPro (standard)

Adds ability to output HPGL, HPGL/2 and HPRTL drawings and raster files directly to printer.

Supported vector files

Supported raster files

Supported PostScript files

Drivers Windows

Drivers Mac OS

Supported font types in PostScript

Installation

Clear intuitive user interface

Automated printing process

Open files manually when needed

Edit line thickness and color for each HPGL pen

Customize HPGL & HPGL/2 settings

Print directly from PC and MAC creative application

Auto scale and auto rotate images

Print queue for print jobs

Save and archive jobs

Print from history queue

Change job settings of history

Automatic media save /nesting

HPGL/2, HPGL, HPRTL

TIFF/TIFF-IT/

8 & 16 Bit TIFF/JPEG2000/  
JPEG/Native Photoshop /Kodak  
PhotoCD/ER Mapper/MrSID/  
Targa/Scitex CT /DIB /GIF/  
PCX/ BMP

PS & EPS level 2 & 3/ PDF/ DCS 4 &  
6-color separations

Adobe PS 2 & 3 for applications under  
Windows 2000/ XP/ 2003 Server/ Vista

Adobe PS 2 & 3 for applications under  
Windows

PostScript 1 & 4, True Type, Multiple  
Master Type 1, CID, Kanji, Morisawa

User-installable:

- Quick start installation guide.
- Automatically creates shortcuts to Hot Folders on 1 desktop (via CADPrint)
- Includes standard 6 Quick Sets (predefined print and color settings)
- Installs virtual PostScript printer automatically

Yes, no training needed

Yes:

- Standard 6 Quick Sets (predefined print and color settings)
- Hot Folders: files dropped into the Hot Folders will be processed and printed automatically

Yes

Yes

Yes

Yes, via Hot Folders and PostScript driver

Yes

Yes

Yes

Yes

Magnification

Yes

HPGL/2, HPGL, HPRTL

TIFF/TIFF-IT/

8 & 16 Bit TIFF/JPEG2000/  
JPEG/Native Photoshop /Kodak  
PhotoCD/ER Mapper/MrSID/  
Targa/Scitex CT /DIB /GIF/  
PCX/ BMP

Use Océ CS2344 Windows or Mac driver

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Yes:

- Standard 6 Quick Sets (predefined print and color settings)
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Yes

Yes

Yes

Yes, via Hot Folders

Yes

Yes

Yes

Yes

Yes

Image interpolation
Job log and media usage reporting
Active printers (#)
Thumbnail job preview
Spot color matching
Pantone color library
Contone driver
ICC compliant
Océ media profiles
Upgrade path

### Onyx GraphicsPro (optional)

Adds ability to output PostScript and raster files directly to printer. Includes PostScript driver for printing from Windows or Mac OS applications.

Yes
Yes
Standard 2, up to 5
Yes
Yes
Yes
Yes, allows printer hardware to upscale resolution for speed
Yes
Yes
Onyx Postershop

### Onyx CADPro (standard)

Adds ability to output HPGL, HPGL/2 and HPRTL drawings and raster files directly to printer.

Yes
Yes
Standard 2, up to 5
Yes
Yes, allows printer hardware to upscale resolution for speed
Yes
Yes
Onyx CADPro to Onyx GraphicsPro

Building a sustainable business has always been one of our core business principles. We do this by developing products and services that add value to the document processes of our customers, while minimizing environmental impact. And we conduct our business activities in a socially responsible manner aimed at preventing health, safety and environmental risks.

### Environmental Certifications



### Awards



### Partners Certifications



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