

# Océ Colorado 1640

●  
A revolutionary printer with unique UVgel technology for superb signage and graphics

With Canon's unique UVgel technology, this innovative roll-to-roll 64 inch printer delivers unprecedented productivity, superb quality and exceptional application versatility plus low running costs.



- Unique, next generation UVgel technology combines excellent quality, high productivity and extensive versatility with low TCO in one single printer
- Enjoy unprecedented productivity with fast output speed and short drying time that takes you straight to finishing
- Consistently excellent colour quality with precise, sharp dots, a wider colour gamut, strong saturation for dark colours and accurate skin tones
- Unrivalled flexibility to handle multiple jobs and a huge range of media on one device, including thin and heat sensitive up to 64 inches wide. Ideal for both indoor and outdoor applications
- Easy to operate with support for the unattended and automatic delivery of finished output
- Save on running costs thanks to reduced ink and energy requirements plus inbuilt printhead reliability and low maintenance that ensure maximum uptime

## PRINTING

<b>Printing method</b>	Océ UVgel piezoelectric inkjet
<b>Printing modes</b>	159 m <sup>2</sup> /hr - Max speed 114 m <sup>2</sup> /hr - High speed 57 m <sup>2</sup> /hr - Production 40 m <sup>2</sup> /hr - High quality 20 m <sup>2</sup> /hr - Specialty 20 m <sup>2</sup> /hr - Backlits
<b>Print resolution</b>	600 x 1800dpi
<b>Ink types</b>	UVgel 355 ink
<b>Ink color</b>	CMYK
<b>Ink packaging</b>	2 x 1 litre ink bottle Ink reservoir can accommodate up to 2,5 ltr per ink color Refill while printing
<b>Printheads</b>	UVgel 415 Printhead High frequency drop-on-demand piezoelectric printhead (2/color) Océ PAINT (Piezo Acoustic Integrated Nozzle Technology) constantly monitors and compensates for nozzle failures that can occur during printing
<b>Automatic Maintenance</b>	Eliminate daily manual maintenance tasks to save operator time
<b>Curing</b>	UV LED

## MEDIA

<b>Roll width</b>	Up to 1625 mm
<b>Print margin</b>	5,3 mm*
<b>Roll weight</b>	Up to 50 kg
<b>Roll diameter</b>	Up to 220 mm
<b>Media thickness</b>	Up to 0,8 mm
<b>Number of input rolls</b>	2 (automatic roll-feeding and -switching depending on media used)
<b>Media take-up system</b>	Wound-in*** or out, loosely or tightly

## UVGEL TECHNOLOGY

Océ UVgel technology - instant pinning and dot gain control  
Low temperature curing - suitable for thin and heat-sensitive media  
Outstanding scratch resistance  
Easy lamination, ultra-thin smooth ink film  
High precision color-matching and consistency  
Odorless and instant dry printout

## ENVIRONMENTAL AND SAFE USE CERTIFICATIONS

Indoor AgBB (general)  
GREENGUARD GOLD (wall paper general)  
EN15102 (decorative wall coverings)

## PERFORMANCE GUARANTEES

Avery Dennison® - Integrated Component System (ICS) Warranty ICS™ (pending)  
3M® MCS™ Warranty (pending)  
IDEAlliance (tbd)  
Fogra (tbd)

## INTERFACE

Ethernet (100/1000 Mbit/s)

## DIMENSIONS

### Printer W x D x H

3022 x 1093 x 1310 mm

## WEIGHT

### Printer

740 kg

## WORKING ENVIRONMENT

### Operation printer

18 - 30°C (recommended 20 - 27°C)  
20-80% RH (no condensation) (recommended 30-60%)

## POWER

### Consumption

Up to 4 kW printing

### Source

2 inputs, each 200-240V +/- 10%, 50/60 Hz, 16/6 A.

## REGULATORY CERTIFICATIONS

### Safety

LVD and IEC 62368-1 compliant; CE, TUV-GS, C-UL-US, RCM, CB

### Electromagnetic

EMC class A compliant (CISPR 32 and FCC part 15) incl. FCC, RCM, ICES - Cetecom

### Environmental

WEEE, RoHS, REACH, CE

## SOFTWARE

### Supported RIPs

ONYX® Graphics, Caldera

\* margin 11,0 mm when yellow markers are used (recommended for print modes up to 40 m<sup>2</sup>/hr for optimized output quality)

\*\* except when the 2nd media requires tight winding, than operator interaction is required.

\*\*\* available shortly after introduction via software update

Specifications subject to change without notice