

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

Canon

Technical Specifications

Océ Colorado 1640

PRINTING

Printing method

Canon UVgel piezoelectric inkjet

Printing modes

159 m²/hr - Max speed

114 m²/hr - High speed

57 m²/hr - Production

40 m²/hr - High quality

20 m²/hr - Specialty

20 m²/hr - Backlits

Print resolution

up to 1800dpi

Ink types

Canon UVgel 355 ink

Ink colour

CMYK

Ink packaging

2 x 1 litre ink bottle
Ink reservoir can accommodate up to 2,5 ltr per ink colour
Refill while printing

Printheads

Canon UVgel 415 Printhead
High frequency drop-on-demand piezoelectric printhead (2/colour)

Océ PAINT (Piezo Acoustic Integrated Nozzle Technology) constantly monitors and compensates for nozzle failures that can occur during printing

Automatic Maintenance

Eliminate daily manual maintenance tasks to save operator time

Curing

UV LED

MEDIA

Roll width

Up to 1625 mm

Print margin

5,3 mm*

Roll weight

Up to 50 kg

Roll diameter

Up to 220 mm

Media thickness

Up to 0,8 mm

Number of input rolls

2 (automatic roll-feeding and -switching depending on media used)

Media take-up system

Wound-in or out, loosely or tightly**

UVGEL TECHNOLOGY

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

ENVIRONMENTAL AND SAFE USE CERTIFICATIONS

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

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

Declaration of Conformity

Printer is declared under Radio Equipment Directive (RED)-2014/53/EU

Radio

Compliant with EN62479, EN301 489-1, EN301 489-3, EN300-330
FCC Part 15 and RSS-210 certified (module)

Safety

IEC/EN/UL/CSA 62368-1 compliant
Applicable marks: CE, TÜV-GS, C-UL-US, RCM

EMC

Emission: Class A compliant according CISPR 32, FCC part 15 and ICES-003
Immunity: CISPR 24 compliant
Applicable marks: CE, FCC, IC, VCCI, RCM, CETECOM

Environmental

WEEE, RoHS directive 2011/65 EU, REACH, CE

SOFTWARE

Supported RIPs

ONYX® Graphics, Caldera

* margin 11,0 mm when Media Step Control is enabled (recommended for print modes up to 40 m²/hr for optimised output quality)

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

Specifications subject to change without notice