

Océ Colorado 1640

Rock-solid productivity

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.
- 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.
- A market-proven system delivers truly impressive images with unbeatable durability, thanks to Océ UVgel 356 inks.
- This is your choice of printer if you regularly produce prints that need to exceed the rigors of heavy use day after day, resisting scratches, water, cleaning agents and even graffiti.

PRINTING

Printing method	Canon UVgel piezoelectric inkjet
Printing modes (Gloss)	159 m ² /hr - Max speed 114 m ² /hr - High speed 57 m ² /hr - Production 40 m ² /hr - High quality 20 m ² /hr - Specialty 20 m ² /hr - Backlits
Print resolution	up to 1800dpi
Ink types	Canon UVgel 356 ink
Ink color	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 220mm
Media thickness	Up to 0,8mm
Number of input rolls	2 (automatic roll-feeding and -switching depending on media used)
Media take-up system	Both loose and tight winding possible

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 CERTIFICATION

Declaration of Conformity

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

Radio

Compliant with EN62479, EN301 489-1, EN301 489-3, EN300330
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)

Specifications subject to change without notice