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

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PRINTING

Printing method	Océ 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	600 x 1800dpi
Ink types	UVgel 355 ink
Ink color	CMYK
Ink packaging	2 x 1 litre ink bottle Ink reservoir can accommodate up to 2,5 ltr per ink color Refill while printing
Printheads	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
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

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 m²/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

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