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
Océ Colorado 1640

Technical Specifications

PRINTING

Printing method
Océ UVgel piezoelectric inkjet

Printing modes
- 159 m²/hr - Max speed
- 144 m²/hr - High speed
- 57 m²/hr - Production
- 40 m²/hr - High quality
- 20 m²/hr - Specialty
- 20 m²/hr - Backlit

Print resolution
600 x 1800dpi

Ink types
UVgel 355 ink

Ink color
CMYK

Ink packaging
2 x 1 litre ink bottle

Printers heads
Océ UVgel 415 Printhead
High frequency drop-on-demand piezoelectric printhead (2/color)

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 printing 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

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

INTERFACE

Dimensions
Printer W x D x H
3022 x 1095 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.

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