

ColorWorks™ CW-C4000

Color Inkjet Label Printer



A powerful and compact on-demand commercial color label printer



PRECISIONCORE
HEAT-FREE

Reliability you can count on — engineered by Epson for demanding applications; backed by industry-leading service and support

Exceptional image quality — crisp photo-quality images; up to 1200 dpi resolution with variable droplet sizes

Seamless integration — compatible with ZPL II®, major middleware, SAP®, Windows®, Mac® and Linux®

Compact, robust design — dust- and water-resistant for high-duty-cycle environments; ideal for commercial use and smaller workspaces

Wi-Fi® connectivity¹ (optional) — print from compatible devices²

Low cost — comparable to existing thermal transfer printers³

Durable, high-quality labels — meets BS 5609 certification⁴

Remote printer management — for managing large fleets over the network

Enhanced productivity — eliminate the need to preprint; speeds up to 4" per second⁵; fast time to first label

Easy to operate — color LCD screen; automatic Nozzle Verification Technology; Windows driver; fast media and ink loading

Designed for use exclusively with Epson ink cartridges.*

Printer

Print Method: Serial inkjet PrecisionCore® TFP®
Print Speed: Up to 3.94" per second (100 mm/sec)
Ink Type: UltraChrome® DL pigment ink
Ink Colors: Cyan, Magenta, Yellow and Black (Gloss or Matte Black Option)
Control Panel: 2.7" full-color graphic display and 9-key pad allow for local configuration and operation
Indicators: Power, status and pause LEDs, beeper
Color Correction: ICC color profiles, RGB spot color substitution, driver-based color adjustment
Banner Printing: Supports pages sent in segments to produce large signs without gaps
Barcode Fonts: UPC-A, UPC-E, JAN13(EAN), JAN8(EAN), Code39, ITF, Codabar, Code93, Code128, GS1-128, GS1 DataBar Omnidirectional, GS1 DataBar Truncated, GS1 DataBar Limited, GS1 DataBar Expanded
Two-Dimensional Code Printing: PDF417, QR Code, Maxi Code, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, GS1 DataBar Expanded Stacked, DataMatrix, Aztec Code, MicroPDF417, Micro QR Code
Print Width: 4.25" (108 mm) max.
Cutter Life (Cuts):
 Paper Liner up to 1.5 M
 Synthetic Liner up to 0.5 M
 Continuous Matte Paper up to 0.5 M
 Continuous Gloss Paper up to 0.3 M
 Continuous Synthetic up to 0.1 M
Printer Durability:
 Printhead: PrecisionCore printhead, permanent
 Paper-Feeding Mechanism Life: 150 km

Ink

Ink Type: UltraChrome DL SJC41P pigment ink
Ink Colors: Cyan, Magenta, Yellow and Black (Gloss or Matte Black Option)
Ink Cartridge Configuration: Four individual ink cartridges, 50 mL each cartridge⁶
 Printer is designed for use with Epson cartridges only, not third-party cartridges or ink*.

Media

Media Sources: Internal roll-fed, rear-feed fan fold, external rear-powered unwinder
Media Construction: Standard die-cut label with or without black mark, die-cut label with matrix on and black mark, continuous tag stock with or without black mark, continuous label with or without black mark, wristband with black mark
Media Types: Plain paper, Matte paper, Synthetic label, Gloss paper, Gloss film, Wristband
Width (Including Liner):
 Roll: 1.0" - 4.41" (25.4 mm - 112 mm)
 Fan fold: 2.0" - 4.41" (50.8 mm - 112 mm)
Thickness: 0.0033" - 0.009" (0.084 mm - 0.229 mm)
Label Length:
 Max. 16" (406.4 mm)
 Min. 0.31" (8 mm)
Internal Roll Size:
 Outer Max. Diameter: 4" (101.6 mm)
 Inner Core Diameter: 1.75" - 2.25" (44 mm - 57 mm)
Die-Cut Label Gap: 2 mm - 6 mm
Inner Core Diameter: 1.75" - 2.25" (44 mm - 57 mm)
Media Sensors: Gap, black mark, media cut
Die-Cut Label Gap: 2 mm - 6 mm
Black Mark Size: Min. 0.51" x 0.16" (13 mm x 4 mm) (W x H)

General

Interfaces: Ethernet 1000Base-T/100Base-TX/10Base-T USB 2.0
Operating Systems: Windows 11, 10, 8.1, Windows Server® 2019, 2016, 2012 R2 (64 bit), 2012 (64 bit), Mac OS X® 10.9.5 or later, macOS® 11.x or later
Direct Command-Based Printing: Zebra® ZPL II native language support, plus command extensions, to allow for colorization of data; ESC/Label™ color command language
SAP: Indirect Printing and High Volume Printing (HVP)
Remote Management Tools: Epson Device Admin, WebConfig, Epson Monitoring Tool, Printer Setting Utility, Epson Deployment Tool, EpsonNet Setup Manager, EpsonNet Config SE, Epson Firmware Updater
Operating Temperature:
 41 °F to 95 °F, 5 °C to 35 °C
 20% to 80% RH humidity

General (Continued)

Storage Temperature:
 -4 °F to 140 °F, -20 °C to 60 °C
 5% to 85% RH humidity
Power Consumption:
 28.2 W Printing (average printing)
 2.6 W Standby
 0.13 W Power Off State
Rated Voltage: AC 100 - 240 V AC
Rated Frequency: 50 - 60 Hz
EMI: FCC/ICES-003 Class A, VCCI class A, CE Marking
Safety Standards: UL1950/CSA C22.2 No.950, TUV, GOST-R
Limited Warranty: 1-year depot repair

Weight and Dimensions

Printer Dimensions: (W x D x H) 12.2" x 11.1" x 11.2"
 (310 mm x 283 mm x 285 mm)
Printer Weight: 28.7 lb (13 kg)
Packaging Weight and Dimensions:
 Package Dimensions: (W x D x H) 15.6" x 17.6" x 18.5"
 (396 mm x 446 mm x 469 mm)
 Packaging Weight: 38.6 lb (17.5 kg)

What's Included

ColorWorks CW-C4000 printer, AC adapter, AC cable, USB cable, Ink Cartridges (CMYK), Maintenance box, Roll paper, Safety Standards and Approvals, Start Here poster

Eco Features

RoHS compliant
 End-of-life options available⁷
 Epson America, Inc. is a SmartWay® Transport Partner⁸

Ordering Information

CW-C4000 Gloss Printer	C31CK03A9991
CW-C4000 Matte Printer	C31CK03A9981
SJC41P-BK Ink Cartridge (Gloss Black)	C13T52L220
SJC41P-C Ink Cartridge (Cyan)	C13T52L220
SJC41P-M Ink Cartridge (Magenta)	C13T52L320
SJC41P-Y Ink Cartridge (Yellow)	C13T52L420
SJC41P-MK Ink Cartridge (Matte Black)	C13T52L520
SJMB4000 Maintenance Box	C33S021601
Replacement Auto Cutter Unit OT-CU40	C32C882201
Paper Exit Tray OT-PT40	C32C882101
Wi-Fi Dongle OT-WL06-321	C32C891321

Media	Gloss Black Ink SJC41P-BK UltraChrome	Matte Black Ink SJC41P-MK UltraChrome
Plain paper (uncoated)	Good image	Richer image – darker black
Matte paper (coated)	Good image	Richer image – darker black
Matte synthetic (coated)	Good image, BS 5609 certified ⁴	Richer image – darker black, BS 5609 certified ⁴
Textured paper	Good image	Richer image – darker black
Wristband	Excellent image	Richer image – darker black
Gloss paper (coated)	Excellent image	Not recommended
Gloss film (coated)	Excellent image	Not recommended

* This product uses only genuine Epson-brand ink cartridges. Other brands of ink cartridges and ink supplies are not compatible and, even if described as compatible, may not function properly or at all.

1 With optional Wi-Fi Dongle OT-WL06-321 (sold separately). | **2** Most features require an Internet connection to the printer, as well as an Internet- and/or email-enabled device. | **3** Printers and consumable costs are similar when comparing similarly featured leading brand thermal transfer printers and supplies for similar high-durability images on similar media. | **4** ColorWorks CW-C4000 inkjet printer with UltraChrome DL pigment ink, used in combination with Neenah® Kimdura® poly media, has been BS 5609 certified. | **5** Printing in Max. Speed Mode, 300 x 600 dpi resolution, 4" (101.6 mm) print width. Print speeds are based on the print engine speed only. Total throughput time for any label depends on factors including label size, file size, print resolution, speed of data transmission, etc. | **6** Part of the ink from the first cartridges/packs is used for initializing the printer. Ink usage will vary considerably based on images printed, print settings, paper type, frequency of use, temperature and humidity. Variance may be more pronounced when printing infrequently or predominantly with one ink color. Ink is used for printing and printer maintenance, and all colors must be available for printing. For print quality, a variable amount of ink remains after the "replace ink" indicator comes on. | **7** For convenient and reasonable recycling options, visit www.epson.com/recycle | **8** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.



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