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**IPSi** INTEGRATED PRODUCTIVITY SYSTEMS

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# 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® connectivity[1] (optional)** — print from compatible devices[2]

**Low cost** — comparable to existing thermal transfer printers[3]

**Durable, high-quality labels** — meets BS 5609 certification[4]

**Remote printer management** — for managing large fleets over the network

**Enhanced productivity** — eliminate the need to preprint; speeds up to 4" per second[5]; 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 SJIC41P pigment ink
**Ink Colors:** Cyan, Magenta, Yellow and Black (Gloss or Matte Black Option)
**Ink Cartridge Configuration:** Four individual ink cartridges, 50 mL each cartridge[6]
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 available[7]
Epson America, Inc. is a SmartWay® Transport Partner[8]

## Ordering Information

| | |
|---|---|
| CW-C4000 Gloss Printer | C31CK03A9991 |
| CW-C4000 Matte Printer | C31CK03A9981 |
| SJIC41P-BK Ink Cartridge (Gloss Black) | C13T52L120 |
| SJIC41P-C Ink Cartridge (Cyan) | C13T52L220 |
| SJIC41P-M Ink Cartridge (Magenta) | C13T52L320 |
| SJIC41P-Y Ink Cartridge (Yellow) | C13T52L420 |
| SJIC41P-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 SJIC41P-BK UltraChrome | Matte Black Ink SJIC41P-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 × 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.

**SmartWay® Transport Partner**
*Getting There With Cleaner Air*

**Epson America, Inc.**
3131 Katella Ave., Los Alamitos, CA 90720

**Epson Canada Limited**
185 Renfrew Drive, Markham, Ontario L3R 6G3

www.epson.com
www.epson.ca

**Contact:**

**IPSi** INTEGRATED PRODUCTIVITY SYSTEMS | infinity LABEL GROUP

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