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ColorWorks® CW-C8000

High-Speed 4" Color Inkjet Label Printer



Fast, high-quality on-demand color label printing for high-volume runs.

PRECISIONCORE HEAT•FREE

Designed for use exclusively with Epson ink packs.*

Exceptional print quality — PrecisionCore® Heat-Free technology and UltraChrome® DL Inks deliver accurate colors, smooth gradations, precise barcodes and sharp text

High-speed, on-demand color labels — designed for mid- to high-volume batch runs, print multiple labels with variable data at speeds up to 11.8" per second[1]

Reliable performance with PrecisionCore — built for demanding applications, permanent printhead means fewer interventions and low maintenance costs

High-yield 1.9 L total ink capacity[2] — ideal for high-volume batch runs, allowing for fewer interventions, low cost per milliliter and low consumable waste

ColorWorks' most advanced connectivity and remote management tools — integrate large fleets with Epson Cloud Solution PORT®[3], cloud printing and optional Wi-Fi®

Powerful fleet productivity with Epson Cloud Solution PORT[3] — remotely view printer status, ink consumption and operation history

Seamless workflow integration — compatible with ZPL II®, major middleware, SAP®, Windows®, Mac® and Linux®; built-in ESC/Label® language

Durable, high-quality labels — UltraChrome DL Ink technology produces stunning labels that resist smudging, smearing and fading

High efficiency and low power consumption — PrecisionCore Heat-Free technology enables efficient ink usage and low energy usage

World-class service and support — includes a 1-year limited warranty; extended service plans available for up to a total of 5 years of continuous coverage

Printer

Print Method Line inkjet, dot matrix
Print Resolution 600 dpi x 1200 dpi
Print Speed Up to 11.8" per second (300 mm/sec)
Color Adjustment Epson Preferred Color, Epson Standard, Epson Vivid Color
Media Dispense Type Auto cutter (scissor type), up to 1.5 million cuts
Printhead PrecisionCore printhead, permanent
Paper-Feeding Mechanism Life 500 km

Ink

Ink Type UltraChrome DL SJIC47P pigment ink
Ink Colors Cyan, Magenta, Yellow and Black (Gloss or Matte Black Options)
Ink Pack Configuration Four (4) individual ink packs, 480 mL each pack[2]
This printer is designed for use with genuine Epson packs only, not third-party packs or ink*.

Media

Supported Media Types Die-Cut Label, Full-Page Label, Continuous Label, Tag
Supported Media Constructions Plain Paper, Textured Paper, Matte Paper, Synthetic, Glossy Paper, Glossy Film, High Glossy Paper
Die-Cut Label Gap 0.12" – 0.24" (3 mm – 6 mm)
Gap Sensor Position Adjustable; 0.12" – 2.20" (3 mm – 56 mm) from left side; pitch: 0.04" (1 mm)
Black Mark Sensor Position Fixed position; approximately 0.49" (12.4 mm) from left
Black Mark Width 0.75" (19 mm) or more from paper edge
Black Mark Length 0.16" to 1.0" (4 mm – 25.4 mm) with 0.16" (4 mm) or more of white space around the black mark
Maximum Print Width 4.25" (108 mm)
Media Width
Internal Roll Media (Min. – Max.): 1.0" – 4.40" (25.4 mm – 112 mm)
External Roll Media, Fanfold (Min. – Max.): 1.97" – 4.40" (50 mm – 112 mm)
Media Length (Min. – Max.): 0.31" – 40" (8 mm – 1,016 mm)
Media Thickness (Min. – Max.): 3.30 mils – 23.62 mils (0.084 mm – 0.600 mm)
Internal Roll Media
Media Core Inner Diameter: 3.0" (76.2 mm)
Media Maximum Outer Diameter: 8.0" (203.2 mm)

Connectivity

USB USB 3.0 (one port), USB 2.0 (one port)
Ethernet 1000Base-T/100Base-TX/10Base-T
Wi-Fi Optional Wi-Fi dongle available (OT-WL06)
General-Purpose I/O Port D-Sub 25
Print Utilities and Remote Management Tools
EpsonNet SetupManager
EpsonNet Config SE
Epson Device Admin
Epson Deployment Tool
PrinterSetting
Color Tone Matching Assistant
USB Printer Class Device Replacement
Epson Firmware Updater
Epson Cloud Solution PORT[3] Production Monitor
WebConfig

General

Display 2.7" color LCD
Operating Systems Supported
Windows® 11
Windows 10 (32-bit/64-bit)
Windows 8.1 (32-bit/64-bit)
Windows Server® 2022
Windows Server 2019
Windows Server 2016
Windows Server 2012
Windows Server 2012 R2
OS X® 10.9.5 or later, macOS® 10.12 or later
CentOS® 7 (x86_64), Ubuntu 20.04 (x86_64)
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® Direct Printing
Power Supply AC Direct
Temperature
Operating: 41 °F to 95 °F (5 °C to 35 °C), 20% to 80% RH
Storage (When Ink Is Loaded and Charged): Gloss Black Ink: 5 °F – 104 °F (-15 °C – 40 °C), up to 120 H; Matte Black Ink: 14 °F – 104 °F (-10 °C – 40 °C),
Power Consumption
Operating: 83.0 W
Standby: 3.3 W
Power Off: 0.4 W
Rated Voltage 100 V – 240 V
Rated Frequency 50 Hz – 60 Hz
Acoustic Noise Approx. 57 dB
EMI FCC Class A, ICES-003 Class A
Warranty 1-year limited warranty with Return for Repair

Weight and Dimensions

Printer Dimensions (W x D x H) 24.4" x 15.4" x 16.5" (620 mm x 392 mm x 420 mm)
Printer Weight 79.4 lb (35 kg)
Packaging Weight and Dimensions
Packaging Dimensions (W x D x H): 32.2" x 22.7" x 24.3" (818 mm x 576 mm x 616 mm)
Packaging Weight 94.8 lb (43 kg)

Eco Features

RoHS compliant
End-of-life options available[4]
Epson America, Inc. is a SmartWay® Transport Partner[5]

What's Included

ColorWorks CW-C8000 printer (Gloss or Matte), four ink packs (CMYK), maintenance box, AC power adapter and cord, sample label roll and *Start Here* guide

Ordering Information

CW-C8000 Matte Printer	C31CL02A9981
CW-C8000 Gloss Printer	C31CL02A9991
SJIC47P-BK Gloss Black Ink Pack	C13T55N120
SJIC47P-MK Matte Black Ink Pack	C13T55N520
SJIC47P-C Cyan Ink Pack	C13T55N220
SJIC47P-M Magenta Ink Pack	C13T55N320
SJIC47P-Y Yellow Ink Pack	C13T55N420
SJMB7500 Maintenance Box for C7500, C8000	C33S020596
TU-RC8000 Take-Up Unit	C32C882501

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

1 Printing in full 1200 x 600 resolution. | **2** 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. | **3** All features of this system require an active Internet connection and the use of a supported browser. | **4** For convenient and reasonable recycling options, visit www.epson.com/recycle | **5** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

See the latest innovations from Epson Business Solutions at **www.epson.com/forbusiness**

SmartWay Transport Partner
Getting There With Cleaner Air

ENERGY STAR

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