

ColorWorks® CW-C8000

High-Speed 4" Color Inkjet Label Printer



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



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 second¹

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

High-yield 1.9 L total ink capacity² — 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 PORT³ — 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 S.JIC47P 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 pack²
 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 PORT³ 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 available⁴
 Epson America, Inc. is a SmartWay® Transport Partner⁵

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



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