

SureColor® P5000CE with SpectroProofer®



**Professional 17"
wide-format, 10-color
inkjet printer for proofing.**

Refined printer design — improved dust and static control for reduced printhead nozzle maintenance

Improved black density — UltraChrome HDX® high-density Black pigment inks offer a wider contrast ratio and enhanced clarity for both color and black-and-white prints

Exceptional print permanence — offers next-generation pigment ink technology for up to twice the overall print permanence of our previous generation of ink¹

Remarkable detail — PrecisionCore® TFP® printhead delivers high print speeds with 360 nozzles per color channel, with variable-size ink droplets as small as 3.5 picoliters

Versatile, productive media handling — automatically switch between the high-capacity front paper cassette and the roll media feeder

Commercial Edition — includes Violet Ink to deliver an industry-best 99 percent PANTONE® PLUS FORMULA GUIDE solid-coated color matching², ideal for commercial and flexographic proofing applications

17" SpectroProofer UVS included — high-performance in-line spectrophotometer

Epson Precision Dot screening algorithm — ensures incredibly accurate control of the sizing and mixing of ink droplets for beautiful prints

Designed for use exclusively with Epson® ink cartridges.*



SureColor® P5000CE with SpectroProofer®

Print

Print Method Advanced PrecisionCore TFP 10-channel, drop-on-demand printhead with ink-repelling coating technology

Ink Type UltraChrome HDX pigment ink
Ink configuration: C, LC, VM, VLM, Y, LK, V, O, G and PK/MK

Fade Resistance/Print Longevity Color: Up to 200 years;
Black-and-White: Up to 400 years

Nozzle Configuration Color and monochrome heads;
360 nozzles x 10 channels

Droplet Technology Smallest droplet size: 3.5 picoliters;
Variable-Sized Droplet Technology can produce up to 3 different sizes per line

Maximum Resolution 2880 x 1440 dpi

Printer Speed⁵

8" x 10" prints from 0:59 to 2:26; normal is 1:28

11" x 14" prints from 1:42 to 4:04; normal is 2:31

16" x 20" prints from 2:46 to 6:48; normal is 4:11

Printer Language/Drivers Epson ESC/P® raster photographic drivers standard

Auto-Switching Black Ink Technology⁴

Black Ink Conversion Times, Normal Mode

Matte to Photo Black: Approx. 3:44

Photo to Matte Black: Approx. 2:25

Black Ink Conversion Times, Quick Mode

Matte to Photo Black: Approx. 2:00

Photo to Matte Black: Approx. 0:58

Ink⁵

In-Box Cartridge Fill Volume 80 mL each color x
11 colors total

Replacement Cartridge Fill Volume 200 mL each color x
11 colors total

This printer is designed for use with genuine Epson cartridges only, not third-party cartridges or ink*.

Sheet Media Handling

Maximum Sheet Size 17" x 22"

Minimum Sheet Size 8" x 10"

Left/Right Margins 3 mm each side; 6 mm (0.24") total

Top/Bottom Margins, Normal 3 mm/15 mm

Top/Bottom Margins, Maximum Selected 3 mm each side

Paper Cassette Multiple sheets up to 0.35 mm (0.014") thick;
capacity varies by media; 250-sheet maximum on plain paper

Front Top-Loading Single sheet up to 0.48 mm (0.019") thick

Front Media Path Single sheet up to 1.50 mm (0.059") thick

Roll Media Handling

Single Top-Loading Roll 17" wide, up to 0.5 mm thick

17" Wide Media Spindle 2" standard core, 3" adapters

Roll Paper Thickness Range 0.08 mm – 0.5 mm
(0.003" – 0.02") thick

Roll Cutting⁶ High-speed internal rotary cutter; auto or manual

Roll Media Handling (Continued)

Minimum Auto Cut Length 5.0" plus top/bottom margin

Top/Bottom Margin (mm) Varies by media; 3, 15, 20, 35;

or 0 when using borderless cut

Left/Right Margins 3 mm each side; 0.24" total;

or 0" at supported BorderFree[®] widths

BorderFree on 2" and 3" Cores 10", 13", 14", 16", 17"

BorderFree on 2" Core Only with Spacer 8", 11", 16.5"

Roll Paper Remaining Printable barcode tracking system

Printable Area

Maximum Paper Width 17"

Minimum Cut-Sheet Size 8" x 10" less margins

Maximum Printable Roll Length⁷ 529"

Line Accuracy ±0.2% of specified length (±0.26 mm min.)

Printer Interfaces

Hi-Speed USB 2.0 (1 port)

Ethernet (1000Base-T; 100Base-TX; 10Base-T) (1 port)

Operating Systems Supported⁸

Windows[®] 10, Windows 8.1, Windows 7 (32-bit, 64-bit)

macOS[®] 10.12.x – Mac[®] OS X[®] 10.7

General

Weight and Dimensions (W x D x H)

Exit Tray Closed: 34.0" x 30.2" x 15.9" (863 mm x 766 mm x 405 mm)

Weight: 134 lb

Acoustic Noise Level

Less than 47 dB(A), according to ISO 7779

Temperature

Operating: 50 °F to 95 °F (10 °C to 35 °C)

Operating (Recommended): 65 °F to 75 °F (18 °C to 24 °C)

Storage: -4 °F to 104 °F (-20 °C to 40 °C)

Relative Humidity

Operating: 20% – 80% (no condensation)

Operating (Recommended): 45% – 60% (no condensation)

Storage: 5% – 85% (no condensation)

Electrical Requirements

Voltage: AC 110 V – 240 V

Frequency: 50 Hz – 60 Hz

Current: 0.7 A

Power Consumption

Printing: Approx. 52 W

Ready: Approx. 20 W

Sleep Mode: Approx. 5.0 W (1000Base-T Ethernet in Standby)

Power Off: Less than 0.5 W, ENERGY STAR[®] qualified

Standards and Approvals

FCC Part 15, Subpart B, Class B (United States)

CAN ICES-3(B)/NMB-3(B) (Canada)

AS/NZS CISPR 32, Class B (Australia)

Country of Origin

China

What's Included

SureColor P5000CE with SpectroProofer (assembly required), set of initial ink cartridges (80 mL x 11 cartridges): Photo Black, Cyan, Vivid Magenta, Yellow, Light Cyan, Vivid Light Magenta, Light Black, Matte Black, Orange, Green and Violet; User Guide Kit (documentation and 1-year limited warranty statement); roll media spindle; 3" core adapters; borderless spacer; cleaning sheet; power cord

Eco Features

ENERGY STAR qualified

RoHS compliant

End-of-life options available⁹

Epson America, Inc. is a SmartWay[®] Transport Partner¹⁰

Ordering Information

SureColor P5000CE with SpectroProofer	SCP5000CESP
Replacement Ink Maintenance Tank	T619000
Borderless Printing Maintenance Tank	T619100
Replacement Printer Cutter Blade	C12C815351
Cleaning Sheets	C13S400045
Additional Media Spindle – 2" / 3"	C12C811251
17" SpectroProofer UVS (when ordered separately)	SPECTR017UVS
Replacement X-Rite [®] ILS30EP (for SpectroProofer)	C12C932021

UltraChrome HDX Ink (200 mL)

Photo Black Ink Cartridge	T913100
Cyan Ink Cartridge	T913200
Vivid Magenta Ink Cartridge	T913300
Yellow Ink Cartridge	T913400
Light Cyan Ink Cartridge	T913500
Vivid Light Magenta Ink Cartridge	T913600
Light Black Ink Cartridge	T913700
Matte Black Ink Cartridge	T913800
Orange Ink Cartridge	T913A00
Green Ink Cartridge	T913B00
Violet Ink Cartridge	T913D00

Limited Warranty and Service

Warranty One-year limited in the U.S. and Canada

Service

P5000CE: On-Site Repair, usually Next Business Day in U.S.¹¹;

Whole Unit Exchange in Canada¹²

SpectroProofer: Whole Unit Exchange in US and Canada¹²

Toll-free telephone support, Monday through Friday

Epson[®] PreferredSM Plus Extended Service Plans¹³

P5000CE Extended Service Plans (U.S. Only)

1-Year Next-Business-Day On-Site Repair ¹¹	EPPP5000S1
2-Year Next-Business-Day On-Site Repair ¹¹	EPPP5000S2
4-Year Next-Business-Day On-Site Repair ¹¹	EPPP5000S4

P5000CE Extended Service Plans (Canada Only)

1-Year Next-Business-Day Whole Unit Exchange ¹²	EPPP5000S1
2-Year Next-Business-Day Whole Unit Exchange ¹²	EPPP5000S2
4-Year Next-Business-Day Whole Unit Exchange ¹²	EPPP5000S4

17" SpectroProofer UVS (U.S. and Canada)

1-Year Next-Business-Day Whole Unit Exchange ¹²	EPPSP17E1
2-Year Next-Business-Day Whole Unit Exchange ¹²	EPPSP17E2
4-Year Next-Business-Day Whole Unit Exchange ¹²	EPPSP17E4

(Available for up to a total of 5 years of continuous coverage)

* 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 Wilhelm Imaging Research lightfastness ratings are based on accelerated testing of prints on specified media, displayed indoors, under glass. Actual print stability will vary according to media, printed image, display conditions, light intensity, humidity and atmospheric conditions. Epson does not guarantee longevity of prints. For maximum print life, display all prints under glass or UV-absorbing acrylic and protect them from prolonged high-humidity environments. Visit www.wilhelm-research.com for the latest information. | ² 99% coverage of PANTONE PLUS FORMULA GUIDE solid-coated palette based on Epson Proofing Paper White Semimatte printed with the Epson Driver at 2880 x 1440 dpi. PANTONE coverage may vary when printed under other conditions. | ³ Actual print times will vary. Print speeds are based on print engine speeds only. Total throughput depends upon front-end driver/RIP, file size, printing resolution, ink coverage, network speed, etc. Normal is for prints imaged using 1440 x 720 high-speed mode. | ⁴ Ink used in conversion varies considerably based on temperature and other factors. | ⁵ Cartridge yields vary considerably based on images printed, print settings, paper type, frequency of use and temperature. For print quality, a variable amount of ink remains in the cartridge after the "replace cartridge" indicator comes on. The printer ships with full cartridges and part of the ink from the first cartridges is used for priming the printer. | ⁶ High-volume cutting of canvas and heavy media stocks may require frequent cutter replacement. | ⁷ Allowed by printer driver for Mac and PC. Application, version of application and operating system version may limit maximum length. | ⁸ For the latest drivers, visit www.epson.com/support | ⁹ For convenient and reasonable recycling options, visit www.epson.com/recycle | ¹⁰ SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency. | ¹¹ Geographic limitations may apply. Service request must be received and processed by 1 p.m. Pacific Time, Monday through Friday, excluding holidays. See limited warranty or service plan for details. | ¹² Expedited shipping not available in all areas. Orders must be placed and processed by 1 p.m. Pacific Time, Monday through Friday, excluding holidays. See limited warranty or service plan for details. | ¹³ Product comes with a 1-year limited warranty with the option to purchase extended service plans up to a total of 5 years of continuous coverage. Extended service plan can be purchased at any time that you are covered under an Epson limited warranty or Epson extended service plan. See individual service plan for details.

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