

# SureColor® P5000



SureColor P-Series

17" Wide, 10-Color

## Professional 17" wide-format 10-color inkjet printer.

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

**Improved Black density** — higher-density Black pigments for a wider contrast ratio and enhanced clarity for both color and black-and-white prints

**Exceptional print permanence** — next-generation pigment ink technology for up to 2x the overall print permanence than our previous generation of ink<sup>1</sup>

**Remarkable detail** — Epson® PrecisionCore® TFP® printhead delivers high print speeds with 360 nozzles per color channel, with variable-size ink droplets

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

**Standard Edition** — 10-color UltraChrome HDX® Ink set features Orange, Green, and 3-level Black inks supporting advanced black-and-white photo printing

**Commercial Edition** — includes an all-new Violet ink (in place of Light Light Black) to deliver an industry-best 99 percent PANTONE® PLUS FORMULA GUIDE solid-coated color matching<sup>2</sup>, ideal for proofing applications

**Designer Edition** — all the features of the Standard Edition, plus EFI® Fiery® eXpress for Epson, an industry-leading software RIP with true Adobe® PostScript® 3™ for accurate CMYK and spot color printing

*Designed for use exclusively with Epson® ink cartridges\*.*

**Print**

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

**Ink Type** UltraChrome HDX pigment ink; 11-ink, 10-color Standard and Designer Edition ink configuration: C, LC, VM, VLM, Y, LK, LLK, O, G and PK/MK  
Commercial Edition ink configuration: C, LC, VM, VLM, Y, LK, V, O, G and PK/MK

**Fade Resistance/Print Longevity<sup>1</sup>** Color: up to 200 years; black-and-white: up to 400 years

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

**Droplet Technology** Smallest droplet size: 3.5 picoliters; Variable Droplet Technology can produce up to three different sizes per line

**Maximum Resolution** 2880 x 1440 dpi

**Printer Speed<sup>2</sup>**

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 Technology<sup>4</sup>**

**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

**Epson Intelligent Ink Cartridges<sup>5</sup>**

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

**Retail Cartridge Fill Volume** 200 mL each color x 11 colors total

**Ink Cartridge Shelf Life**

2 years from printed production date or 6 months after opened Printer is designed for use with Epson cartridges only, not third-party cartridges or ink<sup>6</sup>.

**Sheet Media Handling**

**Maximum Sheet Size** 17" x 22"

**Minimum Sheet Size** 8" x 10"

**Left/Right Margins** 3 mm each side; 6 mm or 0.24" total

**Top/Bottom Margins, Normal** 3 mm/15mm

**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 0.05 mm thick

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

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

**Roll Cutting<sup>6</sup>** High-speed internal rotary cutter; auto or manual

**Minimum Auto Cut Length** 5.0" plus top/bottom margin

**Top/Bottom Margin (mm)** varies by media 15, 3, 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 and Accuracy**

**Maximum Paper Width** 17"

**Minimum Cut-sheet Size** 8" x 10" less margins

**Maximum Printable Roll Length<sup>7</sup>** 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 Supported<sup>8</sup>**

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 x 766 x 405 mm)

Weight: 114.6 lb (52 kg)

**Acoustic Noise Level**

Less than 47 dB(A) according to ISO 7779

**Temperature**

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

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

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

**Relative Humidity**

Operating: 20 – 80% (no condensation)

Operating (recommended): 45 – 62% (no condensation)

Storage: 5 – 85% (no condensation)

**Electrical Requirements**

Voltage: AC 110 – 240 V

Frequency: 50 – 60 Hz

Current: 0.7A

**Power Consumption**

Printing: approx. 52 W

Ready: approx. 20 W

Sleep Mode: approx. 5.0 W (1000 BaseT Ethernet in Standby)

Power Off: less than 0.5 W ENERGY STAR® qualified

**General (continued)**

**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)

**Limited Warranty and Service**

Standard 1-year usually next-business-day on-site repair with

toll-free phone support Monday through Friday

**Country of Origin** China

**Ordering Information**

SureColor P5000 Standard Edition SCP5000SE

SureColor P5000 Commercial Edition SCP5000CE

SureColor P5000 Designer Edition SCP5000DES

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 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

Light Light Black Ink Cartridge T913900

Orange Ink Cartridge T913A00

Green Ink Cartridge T913B00

Violet Ink Cartridge (Commercial Edition use only) T913D00

**Extended Service Plans**

Additional 1-year Epson Preferred<sup>SM</sup> Plus Service EPP49B1

Additional 2-year Epson Preferred Plus Service EPP49B2

Additional 1-year Epson Preferred Plus SpectroProofer EPPSPB1

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

**1** Ink lightfastness rating based on accelerated testing of prints on specialty 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 lamination or properly store them. Visit [www.wilhelm-research.com](http://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** Print times are based upon 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 initialization 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](http://www.epson.com/support)

See the latest innovations from Epson Business Solutions at [www.epson.com/forbusiness](http://www.epson.com/forbusiness)

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