SureColor® P5000

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[1]

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[2], 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[1] 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[3]
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[4]

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[5]

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*.

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 Mulitple 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 to1.50 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[6] 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[7] 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[8]

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 – 60% (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	SPECTRO17UVS
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℠ Plus Service	EPP49B1
Additional 2-year Epson Preferred Plus Service	EPP49B2
Additional 1-year Epson Preferred Plus SpectroProofer	EPPSPB1

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*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 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 intialization 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
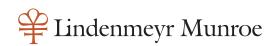
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