EPSON®
EXCEED YOUR VISION

P

Epson SureColor P5000

17" Professional Desktop Printer

Creativity Without Compromise.

Imagine a production-class printer that fits as seamlessly into your workflow as it does in your workspace — no matter what industry you're in. An advanced, high-performance tool capable of producing gallery-worthy, sellable photographic prints, delivering professional comps, or hitting elusive PANTONE® colors for contract proofing — all in a 17" desktop format.

Introducing the Epson® SureColor P5000 printer

Representing the culmination of Epson's transition from the revered Epson Stylus® Pro Series, the SureColor P5000 integrates our latest professional imaging technologies — including our unparalleled UltraChrome HDX® pigment ink set and game-changing PrecisionCore® TFP® printhead. With the SureColor P5000, we've added the finishing touch to our SureColor P-Series family — but the story's far from over.

We're just getting started.

© David R. Stoecklein

© David R. Stoecklein

Commercial and Flexographic Proofing
Orange, Green and optional Violet inks for outstanding color gamut to support even the most demanding proofing applications.

contrast

A leaf floating on water. It's a simple image. But, in the hands of a talented photographer, it becomes a metaphor for life itself. Consider the contrast of the eternal life of the water and the short life of the leaf.

COLOR
FASHION

This season there's no single color or colors dominating fashion. We're anticipating seeing everything from vibrant fluorescents to muted pastels on the runways. Expect unique color combinations of all sorts.

Graphic Design Applications
Streamlined workflows for process color (CMYK), spot colors and RGB files create phenomenal designs and comps.

Photographic and Fine Art Printing
Highly accurate PrecisionCore printhead provides sharpness and clarity for breathtaking color and black-and-white prints.

EPSON

SureColor P5000

Refined Printing Technology

Designed to achieve the highest standards for quality and reliability, the SureColor P5000 combines unique hardware enhancements with our most advanced printing technology to date. The printer's refined design offers improved dust and static control, while our PrecisionCore TFP printhead features ink-repellent surface coating. Together, they offer dramatically reduced printhead nozzle maintenance for improved reliability that's matched by outstanding print quality.

Top-Loading Manual Feed
Perfect for individual prints using delicate fine art papers.

Front Straight-Through Manual Feed
Supports soft-surface fine art papers, posterboard and aqueous-coated rigid materials up to 1.5 mm thick.

Roll Media Handling
Use roll media and the integrated high-speed rotary cutter to improve print costs.

High-Capacity Cassette
Load up to 100 sheets of premium paper as large as 17" x 24" for high-volume runs.

Advanced Media Handling
For maximum versatility, there are four unique media inputs: a top-loading roll media path, front cassette for multiple sheets, single-sheet top-loading path, and front straight-through paper path.

Auto-Switching Media Support
Epson's only 17" printer available with auto-switching media sources, the SureColor P5000 offers on-demand printing from both the high-capacity front paper cassette and roll media feeder.

Supported by Advanced Workflows
SureColor P-Series printers are supported by the majority of workflow vendors. Additionally, the SureColor P5000 Designer Edition printer includes EFI® Fiery® eXpress for Epson RIP software.

Optional Epson SpectroProofer® UVS
Automate media calibration and re-linearization using your preferred proofing software. Powered by an X-Rite® ILS30EP, it supports M0, M1 and M2 illuminant standards for the perfect proof.

PrecisionCore Printhead Technology
Assembled to handle the unique characteristics of Epson UltraChrome HDX Inks, this advanced printhead achieves exceptional ink efficiency and a higher level of printhead reliability.
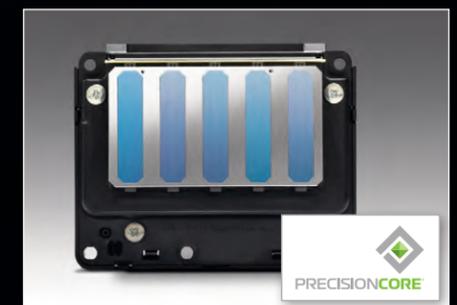
Epson UltraChrome HDX Ink

Representing our latest generation of photographic ink technology, the 10-color UltraChrome HDX Ink set with 200 mL cartridges redefines the standard for photographic imaging excellence and print permanence. Utilizing newly developed core pigments — including Black inks 1.5 times denser than our previous generation — the level of photographic clarity, optical density and vibrancy sets a new benchmark for Epson. And, with our latest generation of color pigment technology, we've achieved a breakthrough in print permanence, resulting in prints of exceptional quality that will define your legacy.

Advanced Black & White Photo Mode
Available on the Standard and Designer Editions, this advanced driver mode offers complete control of your black-and-white printing.

Superior Color and Detail
Epson Precision Dot Screening optimizes ink mixing and sizing for precise drop placement.

© Jim Richardson

© Lois Greenfield

Expanded Gamut
This expanded-gamut ink set delivers accurate color reproduction — from digital photography to 4-color process colors (CMYK) and spot colors.

Improved Black Density
Higher density Matte and Photo Black pigments help to produce a wider contrast ratio, resulting in optically clearer and sharper images — for both color and black-and-white prints.
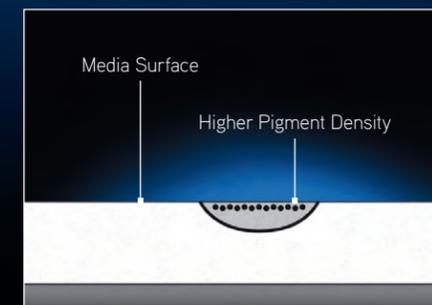
Print Permanence
Based upon independent print permanence testing by Wilhelm Imaging Research Inc., our latest pigment ink technology is rated to last up to twice as long as our previous generation[1].

Violet Ink
By adding Violet — expanding upon Orange and Green inks — we've achieved an industry-leading 99 percent coverage of the PANTONE FORMULA GUIDE solid-coated standard[2].

Epson UltraChrome HDX
Standard and Designer Edition Ink Set

C	M	Y	PK	LC	LM	LK	LLK	O	G	+	MK
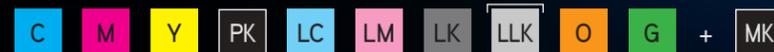
Epson UltraChrome HDX
Commercial Edition Ink Set

C	M	Y	PK	LC	LM	LK	V	O	G	+	MK

Media Surface

Higher Pigment Density

PANTONE® 144 C

PANTONE® 2592 C

botanical revitali
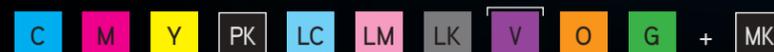
Epson SureColor P5000 Printer Specifications

Printing Technology
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

Independently Tested 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

Auto-Switching Black Ink Technology[3]
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[4]

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*.

Printer Interfaces
Hi-Speed USB 2.0 (1 port)
Ethernet 1000Base-T; 100Base-TX (1 port)

Weight and Dimensions

	(W x D x H)
Exit Tray Closed	34.0" x 30.2" x 15.9"
Weight	114.6 lb

Media Handling

Roll Paper	2" and 3" core media
	17" wide up to 0.5 mm thick
Sheet Media Path	Maximum size 17" x 22"
	Minimum size 8" x 10"

BorderFree® Printing

On 2" and 3" Cores	10", 13", 16", 17"
On 2" Only with Spacer	8", 11", 16.5"

Printable Area and Accuracy

Maximum Paper Width	17"
Minimum Cut-sheet Size	8" x 10" less margins
Maximum Printable Roll Length	529"
Line Accuracy	+/- 0.2% of specified length (+/- 0.26 mm min.)

Margins and Tolerances

Minimum Cut Length	5.0" plus top and bottom margin (5.24" minimum)
Top/Bottom Margins (mm)	Normal (varies by media 13, 3, 20, 25, or 0 when using borderless cut)
Left and Right Margins	3 mm each side; 0.24" total, 0" at BorderFree sizes

Acoustic Noise Level
Less than 47 dB(A) according to ISO 7779

Environmental Characteristics

Temperature	
Operating	50° to 95°F (10° to 35°C)
Storage	-4° to 104°F (-20° to 40°C)
Relative Humidity	
Operating	20 – 80% (no condensation)
Storage	5 – 85% (no condensation)

Electrical Requirements

Voltage	AC 110 – 240 V
Frequency	50 – 60 Hz
Current	0.7 A

Power Consumption

Printing	Approx. 52 W
Ready	Approx. 20 W
Sleep Mode	Approx. 5.0 W
Power Off	Less than 0.5 W

ENERGY STAR® qualified

Operating Systems Supported[5]
Windows® 10, Windows 8.1, Windows 7 (32-bit, 64-bit)
macOS® 10.12.x – Mac® OS X® 10.7

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)

Product

Product	Part Number
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
Additional 1-year Epson Preferred℠ Plus Service	EPP49B1
Additional 2-year Epson Preferred Plus Service	EPP49B2
Additional 1-year Epson Preferred Plus SpectroProofer	EPPSPB1

UltraChrome HDX Ink Cartridges (200 mL)

Photo Black Ink	T913100
Cyan Ink	T913200
Vivid Magenta Ink	T913300
Yellow Ink	T913400
Light Cyan Ink	T913500
Vivid Light Magenta Ink	T913600
Light Black Ink	T913700
Matte Black Ink	T913800
Light Light Black Ink (Standard/Designer Edition)	T913900
Orange Ink	T913A00
Green Ink	T913B00
Violet Ink (Commercial Edition)	T913D00

Limited Warranty and Service
Standard 1-year, usually next-business-day on-site repair with toll-free phone support Monday through Friday. Subject to terms and conditions found at www.epson.com/support/p5000

* 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 Percent 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 Ink used in conversion varies considerably based on temperature and other factors.

4 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.

5 For the latest drivers, visit www.epson.com/support/p5000

EPSON®
EXCEED YOUR VISION

Better Products for a Better Future™
eco.epson.com

15.9"   34"   30.2"   43.7"

PANTONE Digital Color   ENERGY STAR   EPSON ULTRACHROME HDX INK