

# SureColor® P7000



SureColor P-Series

24" wide, 10-color

## Professional 24" large-format 10-color inkjet printer.

**Print your legacy** — professional 24"-wide printer for photographic, fine art and commercial proofing applications

**UltraChrome HDX™ Inks** — professional 10-color archival pigment ink set delivers best-in-class color gamut with higher-density blacks for enhanced overall dynamic range, contrast ratio and clarity for both color and black-and-white prints

**Exceptional print permanence** — Standard Edition printer offers next-generation pigment ink technology with Light Light Black ink for up to twice the overall print permanence than previous generations<sup>1</sup>

**Commercial Edition** — features an all-new Violet ink for expanded color gamut with up to 99 percent PANTONE® FORMULA GUIDE solid-coated color-matching accuracy, ideal for all commercial and flexographic proofing applications

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

**Superior connectivity** — standard gigabit Ethernet and USB 2.0 along with an optional internal 320GB print server quickly transfers print jobs and frees up workstations; the internal print server includes print queue management and the ability to save and reprint jobs

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

**Print**

**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 Edition ink configuration: C, LC, VM, VLM, Y, LK, LLK, O, G and PK or MK

Commercial Edition ink configuration: C, LC, VM, VLM, Y, LK, V, O, G and PK or 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 8

**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>

16" x 20" prints from 2:02 to 6:58; normal is 4:16  
20" x 30" prints from 3:40 to 12:25; normal is 7:36  
40" x 60" prints from 11:15 to 40:05; normal is 24:20

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

**Auto-switching Black Ink Technology**<sup>3</sup>

**Black Ink Conversion Times**

Matte to Photo Black: approx. 2:55

Photo to Matte Black: approx. 2:07

**Ink Used During Conversion**

Matte to Photo Black: approx. 7.2 mL

Photo to Matte Black: approx. 1.12 mL

**Epson Intelligent Ink Cartridges**<sup>4</sup>

**In-box Cartridge Fill Volume** 110 mL each color x 11 colors total

**Retail Cartridge Fill Volume** 150, 350 or 700 mL each color x 9 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. [www.epson.com/cartridgereturn](http://www.epson.com/cartridgereturn)\*

**Roll Media Handling**

**Single Top-loading Roll** 24" wide

**2" or 3" Core Diameter** User-adjustable roll media adapters

**Roll Cutting**<sup>5</sup> High-speed internal rotary cutter; auto or manual

**Minimum Auto Cut Length** 5.0" plus top and bottom margin (5.24" min.)

**Top/Bottom Margins (mm)** Normal: 20/15; option: 35/15, 150/15, 15/15, 3/3

**Left/Right Margins** 3 mm each side; 0.24" total; or 0" at BorderFree® sizes

**Roll Paper Remaining** Printable barcode tracking system

**Sheet Media Handling**

**Single Sheet, Top-loading** Up to 24" wide

**Sheet Loading** Auto-loading if less than 0.5 mm thick

**Media Thickness** 0.8 mm to 1.5 mm

**Sheet Media Handling (continued)**

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

**Top/Bottom Margins with Centering On** 15 mm/15 mm

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

**BorderFree Print Widths** 10", 11.8", 13", 16", 17", 20.3", 23", 24"

**Printable Area and Accuracy**

**Maximum Paper Width** 24"

**Minimum Cut-sheet Size** 8.5" x 11"

**Maximum Printable Roll Length**<sup>6</sup> 529"

**Line Accuracy** +/- 0.2% of specified length (+/- 0.26 mm min.)

**Printer Interfaces**<sup>7</sup>

Hi-Speed USB 2.0 (1 port)

1000Base-T Ethernet (1 port)

**Operating Systems Supported**

Apple® OS X® 10.11.x, 10.10.x, 10.9.x, 10.8.x and 10.7.x

Windows® 10, 8.1, 7 (32-bit, 64-bit)

**General**

**Weight and Dimensions (W x D x H)**

Basket closed: 53.4" x 26.3" x 48" (1356 x 667 x 1218 mm)

Weight: 223 lb (101 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: 2 A

**Power Consumption**

Printing: approx. 65 W

Ready: approx. 19 W

Sleep Mode: approx. 2 W (1000 BaseT Ethernet in Standby)

Power Off: less than 0.5 W ENERGY STAR® qualified

**Standards and Approvals**

Safety standards: UL605950-01, CAN/CSA C22.2 No. 60950-1

EMC FCC part 15 subpart B class B,

CAN/CSA-CE/IEC CISPR22 class B,

AS/NZS CISPR 32 class B

**Limited Warranty and Service** Standard one-year usually

next-business day on-site repair with toll-free phone support

Monday through Friday

**Country of Origin** China

**Ordering Information**

**SureColor P7000 Standard Edition** SCP7000SE

**SureColor P7000 Commercial Edition** SCP7000CE

Maintenance Tank T699700

Replacement Printer Cutter Blade C12C815331

Additional Roll Media Adapters (pair) C12C811241

Internal Print Server 320GB C12C848031

24" SpectroProofer® UVS SPECTRO24UVS

Replacement X-Rite® ILS30EP C12C932021

(for SpectroProofer)

**UltraChrome HD Ink (150 mL)**

Photo Black Ink Cartridge T834100

Cyan Ink Cartridge T834200

Vivid Magenta Ink Cartridge T834300

Yellow Ink Cartridge T834400

Light Cyan Ink Cartridge T834500

Vivid Light Magenta Ink Cartridge T834600

Light Black Ink Cartridge T834700

Matte Black Ink Cartridge T834800

Light Light Black Ink Cartridge T834900

**UltraChrome HDX Ink (150 mL)**

Orange Ink Cartridge T834A00

Green Ink Cartridge T834B00

Violet Ink Cartridge T834D00

**UltraChrome HD Ink (350 mL)**

Photo Black Ink Cartridge T824100

Cyan Ink Cartridge T824200

Vivid Magenta Ink Cartridge T824300

Yellow Ink Cartridge T824400

Light Cyan Ink Cartridge T824500

Vivid Light Magenta Ink Cartridge T824600

Light Black Ink Cartridge T824700

Matte Black Ink Cartridge T824800

Light Light Black Ink Cartridge T824900

**UltraChrome HDX Ink (350 mL)**

Orange Ink Cartridge T824A00

Green Ink Cartridge T824B00

Violet Ink Cartridge T824D00

**UltraChrome HD Ink (700 mL)**

Photo Black Ink Cartridge T804100

Cyan Ink Cartridge T804200

Vivid Magenta Ink Cartridge T804300

Yellow Ink Cartridge T804400

Light Cyan Ink Cartridge T804500

Vivid Light Magenta Ink Cartridge T804600

Light Black Ink Cartridge T804700

Matte Black Ink Cartridge T804800

Light Light Black Ink Cartridge T804900

**UltraChrome HDX Ink (700 mL)**

Orange Ink Cartridge T804A00

Green Ink Cartridge T804B00

Violet Ink Cartridge T804D00

*Purchase the cartridge size that will most likely be consumed within 6 months of installation in the printer.*

**Extended Service Plans**

One-year Epson Preferred<sup>SM</sup> Plus Service EPP900B1

Two-year Epson Preferred Plus Service EPP900B2

One-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 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. | 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 full cartridges and part of the ink from the first cartridges is used for priming the printer. | 5 High-volume cutting of canvas and heavy media stocks may require frequent cutter replacement. | 6 Allowed by printer driver for Mac® and PC. Application, version of application and operating system version may limit maximum length. | 7 For the latest drivers, visit [www.epson.com/support](http://www.epson.com/support)



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