

# SureColor® P800 Screen Print Edition

SureColor P-Series

17" Wide / 8-Color



## Professional 17", 8-color, screen positive film printer.

**Includes AccuRIP Black Pearl™ software** — create up to 17"-wide, high-quality screens up to 65 lpi with precise details and halftone control for textile applications

**Outstanding Black ink density** — features Epson® UltraChrome® HD pigment ink, developed and certified for use in screen printing applications up to a 4.0 Dmax

**Superior screen positive film** — Epson Screen Print film provides a consistent, reliable, positive film with an instant dry-coating that won't stick to the emulsion

**Production-capacity engine** — create up to four 16" x 20" film positives per hour

**Versatile use** — create screen positive films, posters and photos with the same printer

**Complete solution** — includes printer, ink, film and software — all supported by Epson, with a 1-year limited warranty

**Print**

**Printing Technology** Advanced MicroPiezo® AMC™ 8-channel, drop-on-demand printhead with ink-repelling coating technology

**Ink Type** UltraChrome HD pigment ink; 9-ink, 8-color C, L.C., VM, VLM, Y, LK, LLK, and PK or MK

**Fade Resistance/Print Longevity**<sup>1</sup> Color: Up to 100 years Black-and-White: Up to 200 years

**Nozzle Configuration** Color and monochrome heads; 180 nozzles x 8

**Printer Language/Drivers**

Epson ESC/P® raster photographic drivers standard

**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>3</sup>

8" x 10" print: approx. 1 min 53 sec

13" x 19" print: approx. 4 min 40 sec

**Auto-switching Black Ink Technology**<sup>4</sup>

Fully automatic switching between Black ink modes

**Black Ink Conversion Times**

Matte to Photo Black: approx. 3 min 30 sec

Photo to Matte Black: approx. 2 min 30 sec

**Ink Used During Conversion**

Matte to Photo Black: approx. 4.6 mL

Photo to Matte Black: approx. 1.6 mL

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

**Cartridge Fill Volume** 80 mL each color x 9 colors total

**Ink Cartridge Shelf Life** 2 years from printed production date or 6 months after opened

**Media Handling**

**Main Top-loading** Up to 17" x 22"; up to 120 sheets plain; up to 30 sheets photo

**Front Media Path** Up to 17" x 22", single-sheet manual feeder, designed for fine art paper and media up to 1.3 mm thick

**Roll Paper (optional)** 17" roll, 2" or 3" core

**BorderFree® Printing** 3.5" x 5", 4" x 6", 5" x 7", 8" x 10", A4 (8.3" x 11.7"), letter (8.5" x 11"), 11" x 14", B (11" x 17"), A3 (11.7" x 16.5"), Super B (13" x 19") and C (17" x 22")

**Printable Area**

Max. paper width 17"; Max. cut-sheet size 17" x 22"; Min. cut-sheet size 3.5" x 5"; Max. printable area 17" x 129"

**Printer Interfaces**<sup>6</sup>

Hi-Speed USB 2.0 (1 port), 100Base-T Ethernet (1 port),

Wi-Fi CERTIFIED™ (802.11n only)<sup>2</sup>, Wi-Fi Direct<sup>2</sup>

AirPrint™, Google Cloud Print™

**Operating Systems Supported**<sup>6</sup>

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

Windows® 10, 8.1, 8 and 7 (32-bit,64-bit)

**General**

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

Printer Weight: 43 lb

Dimensions: Printing: 26.9" x 21.7" x 21.7"

Storage: 26.9" x 14.8" x 9.8"

**Acoustic Noise Level** Approx 50 dB(A) according to ISO 7779

**Temperature**

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

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

**Relative Humidity**

Operating: 20 to 80% (no condensation)

Storage: 5 to 85% (no condensation)

**Safety Standards** UL (MET), FCC (Class A), CSA, CE, EMC

Electrical Requirements

Voltage: AC 110 – 240 V

Frequency: 50 – 60 Hz

Current: Less than 1 A/110 – 120 V

**Power Consumption**

Printing: approx. 21 W; Sleep Mode: approx. 1.8 W; Power Off:

approx. 0.3 W ENERGY STAR® qualified

**Limited Warranty and Service** Standard one-year full unit exchange with toll-free phone support Monday through Friday

**Country of Origin** China

**Ordering Information**

SureColor P800 SCP800SP  
Screen Print Edition

**UltraChrome HD Ink (80 mL)**

Photo Black Ink Cartridge	T850100
Cyan Ink Cartridge	T850200
Vivid Magenta Ink Cartridge	T850300
Yellow Ink Cartridge	T850400
Light Cyan Ink Cartridge	T850500
Vivid Light Magenta Ink Cartridge	T850600
Light Black Ink Cartridge	T850700
Matte Black Ink Cartridge	T850800
Light Light Black Ink Cartridge	T850900
Maintenance Tank	T582000

**Extended Service Plans**

One-year Epson Preferred <sup>SM</sup> Plus Service Plan	EPP38B1
Two-year Epson Preferred Plus Service Plan	EPP38B2

Please visit us at [proimaging.epson.com](http://proimaging.epson.com)

**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** Wi-Fi CERTIFIED; level of performance subject to the range of the router being used. Wi-Fi Direct may require printer software. | **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. | **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** For the latest drivers, visit [www.epson.com/support/P800](http://www.epson.com/support/P800)

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Specification Sheet | Page 2 of 2

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