

# SureColor<sup>®</sup> S80600

Powered by  
**PRECISIONCORE**<sup>™</sup>



SureColor S-Series

Signage

## Solvent printing. Solved.

**Advanced printhead technology** — dual Epson<sup>®</sup> PrecisionCore<sup>®</sup> TFP<sup>®</sup> printhead to meet the needs of high-quality production environments

**Extreme image quality** — photographic image quality with the largest color gamut in its class

**UltraChrome<sup>®</sup> GS3 Ink** — proven 10-color solvent-based ink system with unique Red, White and Metallic Silver inks

**Low cost of ownership** — low initial investment with high productivity

**One solution for your printing needs** — includes workflow software by ONYX<sup>®</sup>, a substrate support system, and a 1-year on-site limited warranty

**Productivity with quality results** — Epson PrecisionDot technology allows for photographic quality prints at high production speeds

**Easy media setup** — set up new media in minutes

**Simple maintenance** — fabric wiper and air filtration system to ensure continuous, reliable production

**Print**

**Printing Technology** Dual Advanced PrecisionCore TFP 10-channel, drop-on-demand, inkjet printhead with ink-repelling coating technology  
**Ink Type** UltraChrome GS3  
**Production Edition Ink Configuration** (x2): C, M, Y, K, Lc, Lm, Lk, O, R, optional W or Ms  
**Droplet Technology** Smallest droplet size: 4.2 picoliters; Variable Droplet Technology can produce up to three different sizes per line  
**Maximum Resolution** 1440 x 1440 dpi; 1440 x 720 dpi; 720 x 720 dpi; 720 x 360 dpi  
**Printer Speed<sup>1</sup>**

	Banner	Vinyl
Draft:	1020 sq ft/hr	N/A
Production:	290 sq ft/hr	195 sq ft/hr
Quality:	195 sq ft/hr	142 sq ft/hr

**Printer Language/Drivers** Epson ESC/P<sup>®</sup> raster  
**Nozzle Configuration** Color and Monochrome heads, 720 nozzles per color

**Epson Intelligent Ink Cartridges<sup>2</sup>**

**Cartridge Fill Volume** 700 mL x 10 colors total  
**Ink Cartridge Shelf Life** 2 years from printed production date or 6 months after opened

**Media Handling**

**Media Input** Single roll-to-roll  
**Cut-sheet Size** 17" x 22" up to 64" wide  
**Media Core** 2" or 3" core  
**Input Roll Diameter** Up to 9.8"  
**Input Roll Weight** Up to 95 lb  
**Media Thickness** From 45 gsm up to 1 mm thick  
**Take-up Reel** Fully automatic "wind in" or "wind out" with tension bar  
**Output Roll** Weight Up to 95 lb  
**Media Heating System**  
**Pre Heater** Off or 86° to 122°F  
**Platen Heater** Off or 86° to 122°F  
**Post Heater** Off or 86° to 131°F  
 Independently controlled via control panel or front-end RIP

**Printable Area and Accuracy**

**Maximum Paper Width** 64"  
**Minimum Paper Width** 10"  
**Left and Right Margins** 0.2" (0.4" total)  
**Maximum Printable Area** 63.6"

**Printer Interfaces**

Includes as standard one USB 2.0 (1.1 compatible) and one Gigabit Ethernet port  
**ONYX GamaPrint Pro RIP Requirements**  
**Server Workstation**  
 Windows<sup>®</sup> 7, 8, Windows Vista<sup>®</sup> or Windows XP (64-bit), 3.2 GHz Intel i7 or better 6GB memory recommended  
**Client Workstation**  
 Macintosh<sup>®</sup> 10.5+, Windows 7, 8, Windows Vista or Windows XP (64-bit)

**Operating Systems Supported**

Mac OS<sup>®</sup> X, 10.8.x - 10.11.x  
 Windows<sup>®</sup> 10, 8.1, 7 (32-bit, 64-bit)

**General**

**Weight and Dimensions (W x D x H)**  
 103" x 34" x 53" (2616 mm x 609 mm x 1346 mm)  
 Weight: 615 lb (288 kg)

**Acoustic Noise Level**  
 Approximately 59 dB according to ISO 7779

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

**Relative Humidity**  
 Operating: 20 - 80%  
 Operating (recommended): 40 - 60%  
 Storage: 5 - 85% (no condensation)

**Electrical Requirements**  
 Printer requires two 110 V outlets  
 Voltage AC 100 - 120 V, AC 200 - 240 V  
 Frequency 50 - 60 Hz  
 Current 20 A at AC 110 - 120 V or 10 A at AC 200 - 240 V

**Optional Dryer**  
 Voltage AC 100 - 120 V, AC 200 - 240 V Frequency 50 - 60 Hz  
 Current 1 A at AC 110 - 120 V or 0.5 A at AC 200 - 240 V

**Power Consumption**  
 Operating Approx. 650 W or less  
 Standby Heaters On Approx. 520 W  
 Standby Heaters Off Approx. 30 W or less  
 Power Off Less than 0.6 W or less  
 Sleep Mode Less than 3.5 W  
 ENERGY STAR<sup>®</sup> qualified  
**Country of Origin** China

**Ordering Information**

<b>Epson SureColor S80600</b>	SCS80600PE
Ink Cleaner	T699300
Printer Maintenance Kit	C13S210044
Additional Waste Ink Bottle	C13T724000
Additional Cleaning Cartridge	T696000

**UltraChrome GS3 Ink (700 mL)**

Black Ink	T891000
Cyan Ink	T890200
Magenta Ink	T890300
Yellow Ink	T890400
Light Cyan Ink	T890500
Light Magenta Ink	T890600
Light Black Ink	T890700
Orange Ink	T890800
Red Ink	T890900
White Ink	T890A00
Metallic Silver Ink	T890B00

**Extended Service Plans<sup>3</sup>**

Epson Preferred <sup>SM</sup> Plus Service Silver	EPPS5070SB1
Epson Preferred Plus Service Gold	EPPS5070GB1
Epson Preferred Plus Service Platinum	EPPS5070PB1

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

<sup>1</sup> 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. | <sup>2</sup> The printer is designed to use only Epson ink cartridges and not other brands of new or refilled cartridges, or other brands of ink or bulk ink systems. Using Epson cartridges is important for reliable performance and high image quality. | <sup>3</sup> Note that warranty coverage for the printhead and ink delivery system is terminated if the printer is ever used with new or refilled ink cartridges, inks, or ink delivery systems other than the UltraChrome GS3 system for which the printer was designed.

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Epson America, Inc.  
 3840 Kilroy Airport Way, Long Beach, CA 90806

Epson Canada Limited  
 185 Renfrew Drive, Markham, Ontario L3R 6G3

[www.epson.com](http://www.epson.com)  
[www.epson.ca](http://www.epson.ca)

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9687 Gerwig Lane | Suite B | Columbia, Maryland | 21046  
 O: 410.290.8200 | F: 410.649.5226  
[atlanticgraphicsystems.com](http://atlanticgraphicsystems.com) | [agspress.com](http://agspress.com) | [info@agspress.com](mailto:info@agspress.com)