

SureColor[®] S80600



SureColor S-Series

Signage

Solvent printing. Solved.

Advanced printhead technology — dual Epson[®] PrecisionCore[®] TFP[®] 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[®] 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[®], 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 Speed¹

	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[®] raster
Nozzle Configuration Color and Monochrome heads, 720 nozzles per color

Epson Intelligent Ink Cartridges²

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[®] 7, 8, Windows Vista[®] or Windows XP (64-bit), 3.2 GHz Intel i7 or better 6GB memory recommended
Client Workstation
 Macintosh[®] 10.5+, Windows 7, 8, Windows Vista or Windows XP (64-bit)

Operating Systems Supported

Mac OS[®] X, 10.8.x - 10.11.x
 Windows[®] 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[®] qualified
Country of Origin China

Ordering Information

Epson SureColor S80600	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 Plans³

Epson Preferred SM Plus Service Silver	EPPS5070SB1
Epson Preferred Plus Service Gold	EPPS5070GB1
Epson Preferred Plus Service Platinum	EPPS5070PB1

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¹ 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. | ² 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. | ³ 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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