



**EPSON**  
EXCEED YOUR VISION

Large Format Printers

Medium Volume Signage Production

# Epson® SureColor™ SC-S40600 - 64"

The SureColor Solvent 40600 is designed to produce durable high-quality signage quickly, easily and at minimum cost. It suits an ad-hoc workflow environment with low to medium production volumes. It can be used with a wide range of media including paper, canvas, film & vinyl. It ships complete with software and suits a wide range of applications including indoor POS & outdoor signage, back-lit displays & window decorations, banners, vehicle wraps, wallpapers, surface finishes & labels.

## Overview



The SC-S40600 incorporates Epson's latest PrecisionCore print head and UltraChrome Eco-Solvent ink technology. It produces prints that are brighter and glossier than ever before with a wider colour gamut. It produces quality product, using lower pass rates and less ink, with simpler configuration, easier operation and faster job completion. Prints dry quickly to enable same-day job turnaround and machines require minimum maintenance. Ink has a low odour to enable operation in a wide range of commercial, business and office environments.



## FEATURES AT A GLANCE

**Superior Performance** – Produce Billboard Prints at speeds up to 29.4m<sup>2</sup>/hr

**Superior Media Support** – Supports Paper, Canvas, Vinyl and Film stocks, in widths up to 1626mm (64-inch) and thicknesses up to 1mm, in rolls up to 45Kg & 250mm in diameter

**Superior Print Quality** – Latest PrecisionCore Printhead, new UltraChrome GS3 ink, improved MicroWeave & LUT, self-agitating ink lines, improved paper path with upgraded feed management and a new Advanced Auto Tension Control System

**Superior Integration** – Compact design with flexible networking, suits installation in a wide variety of operational environments, runs off a standard 240V power supply, ships complete with Epson **Edge Print software** and can be driven by variety of a **3<sup>rd</sup> party RIP applications**

**Simpler & Easier to Use** – Can be loaded by a single operator with auto media set-up and skew correction, features a see-through platen cover with integrated lighting, and new Epson Edge Dashboard management software

**Reduced Maintenance** – New Self Cleaning Printhead and Air Circulation system with mist extraction

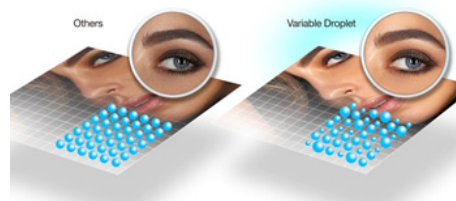
**Reduced Production Costs** – Uses new low cost 700ml ink cartridges with Reduced Ink & Power consumption, ships with an Integrated Auto Take-Up, supports Remote Management, Remote Status and Error Reporting

**Increased Durability** – Features a Strengthened Chassis and a new Printhead Guard, backed by a Comprehensive 1 year Warranty with Optional Cover that can be extended up to a total of FIVE YEARS.



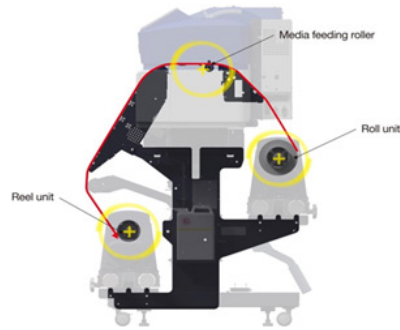
## Superior Quality & Consistency

The printer uses new Eco-Solvent UltraChrome GS3 ink. The ink has increased pigment density for brighter prints with reduced consumption. It features a revised formulation that further enhances the colour gamut (particularly in Magenta & Yellow) while significantly increasing gloss levels for prints that provide maximum depth and 'punch'. Using 4 colours it can produce a gamut that is equal and in some cases wider than competing product with 6 or more inks. All colours have an un-laminated outdoor lightfastness rating of 3 years and as with the previous generation, GS3 is Nickel Free with a low VOC for minimum odour. Epson also now offers a special cartridge set for customers who wish to produce material that has print durability warranted under the 3M MCS Program#. Printers are suitable for installation and operation within a wide variety of environments including factories, shops and air-conditioned offices\*.



The printer features a strengthened chassis that is robot assembled and laser welded for extreme parallelism. It features inbuilt levels to enable easier installation and increased adjustment to cope with uneven flooring. A new 'Closed Mushroom' paper path has been implemented in conjunction with an enhanced Media Feed System for superior tracking. The feed system features upgraded rollers and a new Advanced Auto Tension Control (ad-ATC) which intelligently and actively manages the various feed

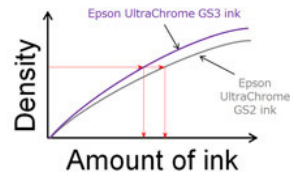
motors. The potential for media wandering and head crashes has been reduced while linearity and take-up accuracy has been improved. Print is more consistent, off-line processing is easier, and output can be produced for tiling applications.



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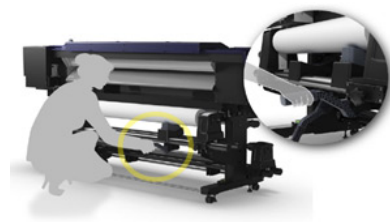


3M<sup>™</sup> MCS<sup>™</sup> Warranty



#### Simpler & Faster Operation

The SC-S40600 has been designed for fast and flexible ad-hoc production. Inks adhere to vinyl, canvas, film, photographic paper and banner substrates. They dry quickly to enable continuous roll-to-roll production and outgas rapidly for same-day job turnaround complete with lamination.\*\* The printer supports single operator media loading with an integrated easy lifter and a platen release that is accessible from the rear. Media setting can be achieved quickly with auto skew correction and downloadable profiles. In-line flow regulators re-agitate the ink before it passes to the print head to ensure more accurate and consistent colour density in environments with low and/or intermittent production.

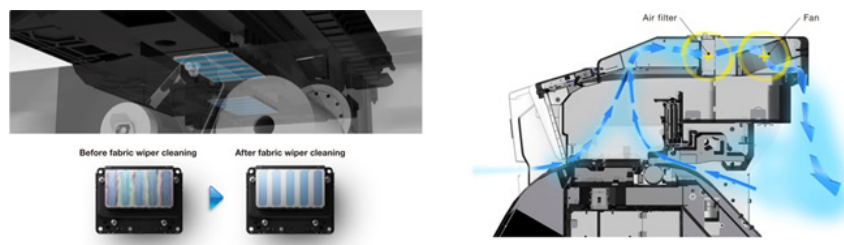


The printer features a new see-through platen with integrated lighting to enable direct progress monitoring. It ships complete with **Edge Print software** software and is compatible with a wide range of **3rd party RIP applications** for customers who require advanced RIP functionality and/or workflow management. It also ships with Epson Edge Dashboard software that enables local/remote configuration and management. The software supports up to 10 printers and provides access to interactive user manuals, tutorials, firmware updates, downloadable media & print profile settings. The printer ships complete with an Auto Take-Up for continuous roll-to-roll production and can be configured to transmit status and error updates via e-mail.



#### Easier Maintenance and Lower Running Costs

The SC-S40600 has been designed to address the increasingly competitive nature of the signage market. It provides superior and more consistent output with faster job turnaround, reduced downtime and lower production costs. It features a durable long lasting printhead enclosed in a new guard. The guard protects against media crashes while collecting dust that may otherwise spoil prints with smudges and miscellaneous ink drops. The printer incorporates a new Automatic Head Cleaning System that engages a Fabric Wiper to remove ink and fluff build up. It also incorporates a new air circulation system that removes airborne dust and ink particles, collecting them in filters that are replaced every 3 to 6 months (along with the Fabric Wiper). Less print wastage occurs and there is a significant reduction in the amount of manual cleaning and maintenance.



The printer confirms Epson's corporate directive for cost effective and durable operation with minimum environmental impact. It consumes Less Power and Less Ink is used to produce Superior Quality Print. Its large 700ml ink cartridges that are also cheaper to purchase. Printers purchased in Australia & New Zealand are backed with a comprehensive service and support program with flexible 'heads-n all' cover that can be extended out to a total of FIVE YEARS.\*\*\*

\* Operation within an office environment requires air-conditioning with a high air flow. This print durability statement is an estimate only, based on accelerated testing by Epson in a vertical display orientation in simulated outdoor display conditions in accordance with ISO standard 18930 (see [www.iso.org](http://www.iso.org) for further detail). Ultra violet radiation, temperature, humidity and pollution (eg NOx) all have a significant impact on durability. Actual durability will depend on a wide variety of factors, including media type, print mode, ink level, installation location and orientation. **Epson does not provide a warranty on print durability and accepts no liability for fading or any other change in a colour, quality or gloss.** When selecting media, Epson recommends checking with the supplier for ink compatibility, application suitability, and print durability. Some suppliers, such as 3M<sup>®</sup> and Avery<sup>®</sup>, offer a warranty on image durability with customers directed to consult the relevant provider websites for details.

\*\*The optional Dryer Unit is recommended for customers who require regular operation at high speed and/or film. The printer ships pre-loaded with generic settings for major media types. Media specific print and profile settings can also be downloaded through Epson Edge Dashboard. While the library is extensive and growing users should not expect all media types and setting variants to be covered. Due to the nature of some media types full automatic setting is not always possible and Auto Skew correction cannot be used on Film.

\*\*\*Printers ship with a comprehensive twelve month on-site warranty. Parts and labour coverage can be extended using one or more Epson CoverPlus 1 and 2 year packages up to a total maximum total of 5 years (including the initial 12 months). All cover is conditional with customers directed to read our [Warranty Terms and Conditions](#) prior to Purchase.

#The MCS program is run by 3M. Customers who wish to take advantage of this program are directed to speak with their local 3M office about media compatibility, certification and workflow requirements.

## Specification

<b>SIZE</b>	
Max Media Width	64 inch
<b>PRINT TECHNOLOGY</b>	
Print Head	PrecisionCore TFP with VSDT & Integrated Headguard
Print Operation	Auto Head Alignment, Nozzle Check, Head-Cleaning, Media Setting & Skew Control
Print Modes	Uni & Bi-directional
Nozzle Configuration	360 x 2 per colour
Maximum resolution	1440dpi x 1440dpi
Minimum Ink Droplet Size	4.2pl
<b>INK TECHNOLOGY</b>	
Ink Type	Pigment based Solvent
Ink Family	Epson Ultrachrome® GS3
Colours	C, M, Y, K (Choice of Standard and 3M MCS inks)
Cartridge Capacity	4 x 700ml
<b>PERFORMANCE</b>	
Draft	58.4m <sup>2</sup> /hr (360 x 720dpi 1 pass)
Billboard Production	29.4m <sup>2</sup> /hr (720 x 720dpi 2 pass)
Banner Production	16.6m <sup>2</sup> /hr (720 x 720dpi 4 pass)
Vinyl Production	10.5m <sup>2</sup> /hr (720 x 1440dpi 6 pass)
Film Production	3.5m <sup>2</sup> /hr (1440 x 1440dpi 16 pass)
<i>Figures are maximum print speeds. They do not include provision for media loading, image processing, file transmission, print drying or post print production. Not all print modes are supported by all media and /or RIP software with individual results subject to variation due to a variety of operational, environmental and image specific factors.</i>	
<b>MEDIA SUPPORT</b>	
Input Format	Single Roll, 2" or 3" core, 250mm max outer diameter & 45kg max weight
Sizing	300 to 1626mm wide, 500mm min length, 1mm max thickness
Minimum Print Margins	5 mm left & right (10mm with guides)
Platen Gap	1.6/2.0/2.5mm
Heater Settings	30° to 50° C Pre & Platen, 30° to 55° C After (all three heaters individually adjustable)
Output Format	Single sheet (manual cut) Roll (integrated ATU supports 2" or 3" core with 200mm max outer diameter)
<b>OPERATION</b>	
Control Software	Epson Edge Dashboard, Epson Communication Driver, Epson LFP Remote Panel 2, Epson NetConfig, Epson NetSetup, Epson NetPrint, Epson Software Updater
Control Panel	2.7" Colour LCD
RIP Compatibility	Supplied with <b>Epson Edge Print</b> and supports a wide range of <b>3<sup>rd</sup> party applications</b>
Interface	High Speed USB 2.0 & Ethernet 100Base-T/1000Base-T
Memory	Main: 512 MB, Network: 128 MB
Operational Temp	15° to 35° C (20-32° C recommended)
Operational Humidity	20 to 80% (40 to 60% recommended)
Typical Energy Use	480W Operating / 330W Ready/ 12W Sleep
Power Supply	2 x 100-240V 5A 50-60 Hz AC, 2640W Max Peak
Operating Noise	59dB
<b>PHYSICAL</b>	
Printer Dimensions & Weight	2,620 x 1,338 x 880 mm (WxHxD), 279Kg
Recommended Operational Space	3,620 x 1,771 x 2,740 mm
Packaging Details (WxHxD)	1 x Head Unit 3,170 x 1021 x 1100 mm, 406Kg
	1 x Media Supply System 3,100 x 607 x 1064 mm, 82Kg
	1 x Starter Ink & Media Pack 1,550 x 350 x 350 mm, 20Kg (approx.)
	(Optional) Print Drying System 1,987 x 232 x 363 mm, 15Kg
<b>WHAT'S IN THE BOX</b>	
Printer, Media Supply System (with Stand, Feed and Auto Take-Up), 1 x user maintenance kit, 1 x waste tank, 4 x cleaning carts, 1 x ink set (4 x 700ml), 1 x roll of Epson Poster Paper, power cable, and set-up guide. Utility software and user manuals provided on CD. RIP software provided on DVD.*	
<i>*An internet connection will be required during installation to enable registration, update of disk based software and download of additional utility software. A significant proportion of the included ink and cleaning liquid will be used during the set-up process to clean and prime ink lines while a small amount of media will be required to undertake print testing and confirm correct operation.</i>	
<b>CONFIGURATION OPTIONS</b>	
SCS406001YR	1 Yr On-Site Warranty
SCS406003YR	1 Yr On-Site Wty + 2Yr On-Site CoverPlus (3Yrs Total Cover)**
SCS406005YR	1 Yr On-Site Wty + 2 x 2Yr On-Site CoverPlus (5Yrs Total Cover)**
<a href="#">Epson Warranty Details</a>	
<b>OPTIONAL ACCESSORIES</b>	
C12C890751	Print Drying System
1YWSCS40600	1 Year On-Site CoverPlus Service Pack**
2YWSCS40600	2 Year On-Site CoverPlus Service Pack**
** Epson CoverPlus Service Packs enable basic warranty cover to be extended. One or more Service Packs can be ordered in conjunction with the various printer configurations &/or options to enable cover for 1, 2, 3, 4 and 5 year periods (total cover cannot exceed 5 years). Service and support is only provided for product supplied through Epson Australia and New Zealand. This facility is provided in conjunction with the Authorised Large Format Reseller through which the product is ordered. Limitations apply to the provision of warranty upgrades and on-site service. Regional locations and certain installation situations may attract additional charges. Service may be restricted or limited when equipment is used outside of specification &/or with non-Epson consumables. For full details on coverage, terms and limitations please review the <a href="#">warranty terms</a> listed on this web-site and contact Epson or one of our Authorised Large Format Resellers if you have questions or concerns.	

**RELATED PRODUCTS**

<b>SC-S60600</b>	Medium to High Volume Production Model
<b>SC-S60660L</b>	High to Very High Volume Production Model
<b>SC-S80600</b>	Medium Volume High Quality Production Model
<b>SC-S80660L</b>	High Volume High Quality Production Model

**Usage Conditions**

Epson products are designed to give highly reliable use and long life when used according to specifications. With any product or device used in situations where human life may be involved or at risk, Epson advises that you should take all necessary steps to ensure the suitability of your Epson product for inclusion in your system, and recommends that you include fail-safe procedures and redundancy support or backup equipment in your system, to maintain the maximum safety margin and optimum system reliability. Examples include but are not limited to – do not interfere with any electrical components within the device, do not use items supplied with the product for purposes other than as intended by Epson (ie mains cords, inks, CDs, plastic wrapping), do not make modifications to the product, take care with the use of 3rd party consumables, consult Epson if you have any questions or concerns.

**Consumables**

<b>INK CARTRIDGES</b>	<b>PRODUCT CODE</b>
<b><u>Epson UltraChrome GS3 700ml Black Solvent Ink Cartridge</u></b>	C13T833192
<b><u>Epson UltraChrome GS3 700ml Cyan Solvent Ink Cartridge</u></b>	C13T833292
<b><u>Epson UltraChrome GS3 700ml Magenta Solvent Ink Cartridge</u></b>	C13T833392
<b><u>Epson UltraChrome GS3 700ml Yellow Solvent Ink Cartridge</u></b>	C13T833492
<b><u>UltraChrome GS3 Cleaning Cartridge</u></b>	C13T833092
<b><u>UltraChrome GS3 MCS Black Solvent Ink Cart</u></b>	C13T835192
<b><u>UltraChrome GS3 MCS Cyan Solvent Ink Cart</u></b>	C13T835292
<b><u>UltraChrome GS3 MCS Magenta Solvent Ink Cart</u></b>	C13T835392
<b><u>UltraChrome GS3 MCS Yellow Solvent Ink Cart</u></b>	C13T835492
<b>LARGE FORMAT PAPERS</b>	<b>PRODUCT CODE</b>
<b><u>Epson GS Canvas Satin 30" Roll Media</u></b>	C13S045316
<b><u>Epson GS Canvas Satin 54" Roll Media</u></b>	C13S045317
<b><u>Epson GS Canvas Satin 60" Roll Media</u></b>	C13S045318
<b><u>Epson GS Canvas Glossy 24" Roll Media</u></b>	S045103
<b><u>Epson GS Canvas Glossy 36" Roll Media</u></b>	S045104
<b><u>Epson GS Canvas Glossy 54" Roll Media</u></b>	S045105
<b><u>Epson GS Canvas Glossy 60" Roll Media</u></b>	S045106
<b><u>Epson GS Poster Paper 30" Roll Media</u></b>	S045231
<b><u>Epson GS Poster Paper 54" Roll Media</u></b>	S045232
<b><u>Epson GS Poster Paper 60" Roll Media</u></b>	S045233
<b><u>Epson GS DisplayTrans™ Backlit Film 30" Roll Media</u></b>	S045339
<b><u>Epson GS DisplayTrans™ Backlit Film 54" Roll Media</u></b>	S045340
<b><u>Epson GS DisplayTrans™ Backlit Film 60" Roll Media</u></b>	S045341
<b>LARGEFORMATOPTIONS</b>	<b>PRODUCT CODE</b>
<b><u>10L Ink Recycling Container</u></b>	10CUBE-N2
<b><u>25L Ink Recycling Container</u></b>	25CUBE-N
<b><u>Replacement 2L Waste Ink Bottle</u></b>	C13T724000
<b><u>Manual Head Wiper</u></b>	C13S090012
<b><u>SureColor-S/F/P Cleaning Sticks</u></b>	C13S090013
<b><u>SureColor-S Maintenance Parts Kit</u></b>	C13S210044
<b><u>Manual Head Wiper Kit</u></b>	C13S090015
<b><u>Epson Edge Print</u></b>	C12C934181
<b><u>Carriage Rod Greasing Kit</u></b>	C13S210036
<b><u>Optional Print Drying System</u></b>	C12C932381
<b><u>Replacement Media Holding Plate V3</u></b>	C12C932411
<b><u>Cleaning Wipes (Pack of 100)</u></b>	C13S090016
<b><u>Epson Edge Print PRO</u></b>	C12C936661

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[fxillawarra.com.au](http://fxillawarra.com.au)

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