

# BEST-IN-CLASS QUALITY WITH DIVERSE VERSATILITY.







signage printers, which incorporate the latest printing technologies to be Epson's most advanced signage printers to date. The printers come with the new sophisticated precision media feeding system, high-performance printheads, and a myriad of advanced features that enable them to

reliably meet the most demanding jobs while minimising operation costs.











### **Exceptional Print Quality**

Epson's Industry-leading Piezo printhead technology provides superior text and image sharpness across a wide range of ink and media.

### **Superb Reliability**

High-volume printing is made ultra-reliable with an advanced precision media feeding system\* to ensure minimal downtime.

\*Applicable to SureColor S & R Series

Find out more at <a href="https://www.epson.com.sg/gobig-signage">https://www.epson.com.sg/gobig-signage</a>









EPSON

**Engineered For Convenience** 

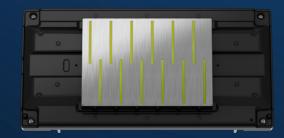
### **INK AND PRINTHEAD TECHNOLOGY**

### Brilliance In Reliability

Leading the next generation of high-performance signage printers, the Epson SureColor printers are engineered with advanced functions and the latest printing technologies. With printheads tailor-made to cater to each ink type, the SureColor printers produce impeccable text and image sharpness across a wide range of ink and media with micron-level precision and reliability.

### **Epson's Piezo Technology**

Utilising Epson's Piezo Technology, the SureColor printers can prolong printhead longevity thanks to their heatless system. providing reliable long-term operation. The piezo element also acts as a highly-sensitive sensor that detects irregularities, such as interrupted firing by an air bubble or if rising ink viscosity is causing issues, all within milliseconds.



R-series printhead

### **Superior Ink Technology**

Advanced ink technology from Epson brings a wide gamut of colours that comes with high image quality. The inks are optimised to perform high quality images and reduce machine downtime.





### **Eco-Solvent Printing**

Using Epson UltraChrome GS3 eco-solvent ink - including an all-new Red solvent along with the option for White or Metallic Silver inks – for outstanding photographic print quality, durability, and media compatibility.



### **Resin Printing**

Epson's UltraChrome RS Ink offers wide substrate support. The odourless water-based ink enables the use of printed applications in sensitive environments.



Vibrant 10-colour UltraChrome UV ink, including dedicated red and grey inks, ensures smooth gradation and natural grey effects. The availability of varnish tactile experience.









### **EPSON TOTAL SOLUTIONS**

### Connect. Optimise. Grow

At Epson, we understand that having real-time information at your fingertips is vital to your daily operations. This is why we have introduced the Epson Cloud Solution PORT, an intuitive cloud-based remote monitoring software. Monitor and manage your fleet of printers effectively across multiple sites, or a single site. Epson Cloud Solution PORT can be accessed from multiple devices including PCs, smartphones and tablets.



### Fleetwide Printer Management

When managing printer efficiency and usage, intelligent and intuitive production monitoring is essential for maximising productivity, connectivity, and growth. A clear and simple dashboard, drawing from vast amounts of usage data, provides the insight needed to make critical business decisions.



#### Remote Monitoring<sup>1</sup>

View live status of the entire printer fleet, output production rates, printer status, errors, and equipment utilisation.



#### Secure & Encrypted

Data stream and cloud are encrypted end-to-end to protect customers' privacy and usage data.



### **Production Efficiency** Tracking & Reporting

Run reports to view total production efficiency, uptime, and printer usage.



### Mobile Access, No App Needed!

Optimised mobile website allows for easy, remote tracking of printer fleet while on the go.



**Remote Monitoring System** 

printing workflow.

#### **Dashboard Tracking**

Designed with simplicity and security in mind,

the Epson Cloud Solution PORT provides a live

utilisation, and service information to better

manage efficiency and optimise your Epson

view of your printer fleet production, equipment

Create in-shop dashboard to internally communicate key performance metrics to employees.



### **Expedited Service Response**

Epson support helps reduce downtime with fast, remote troubleshooting.

<sup>&</sup>lt;sup>1</sup> All features of this system require an active internet connection and use of a supported browser.

### PRINT APPLICATIONS FOR DIFFERENT SCENARIOS

### Versatility meets convenience, fulfilling your different printing needs effortlessly.



### **ECO SOLVENT**

The eco-solvent inks are generally more suitable for general printing of indoor signages (i.e. on PVC material), offering a wide colour gamut and competitive cost per print.



Retail Signage



**Event & Exhibition** 



Backlit



Window Graphic



Window Sticker



### **RESIN**

The resin inks are recommended for unique printing applications. Because of 'instant lamination' and higher scratch durability finishing, the inks are more suitable for applications requiring such features.



Outdoor Signage



Vehicle Wrap



Wallpaper



Canvas



Textile



### U۷

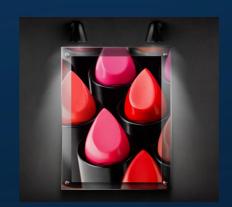
UV printing uses a unique drying method compared to the traditional inks where instead of evaporation, they are cured using high-intensity UV lights. This allows operators to use UV printing on virtually any substrate, catering to a wider range of media.



Stainless Steel



Wall Display Tile Printing



Acrylic Frame



Glass Facade



Wooden Panel

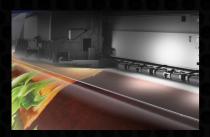
# **ECO-SOLVENT**



# QUITE POSSIBLY THE BEST ECO-SOLVENT SIGNAGE PRINTERS EVER

Epson SureColor S-Series eco-solvent printers offer exceptional productivity, outstanding image quality, and iron-clad reliability.

With lightning-fast printing speeds and lamination capability, the SureColor S-Series printers empower you to turn around jobs fast. Additionally, the automated printer maintenance system lets you focus on printing, not on the printer.



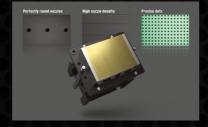
### A precision media feeding and take-up system

Ensures virtually any roll media feeds accurately, nearly eliminating buckling and skewing.

### Patented technology

Deliver increased speed, rock-solid reliability and unbeatable image quality for customer-pleasing results every time.







### Our advanced ink technology

Received multiple certifications for indoor use, including Nordic Swan and GREENGUARD Gold.



GS3 ULTRACHROME GS3 INK



# Entry-level sign printer SC-S40670

**Productive sign printer** 

Versatile sign printer

SC-S80670

SC-S60670



- Outstanding quality at affordable cost of ownership
- Printing speeds of up to 58.4m<sup>2</sup> per hour
- Single PrecisionCore<sup>™</sup> TFP<sup>®</sup> Printhead



GS3
ULTRACHROME
GS3 INK



700ml



- Printing speeds of up to 95.3m<sup>2</sup> per hour
- High productivity with Dual PrecisionCore™ TFP® Printhead
- Fabric Wiping System dramatically reduces manual maintenance



GS3
ULTRACHROME
GS3 INK



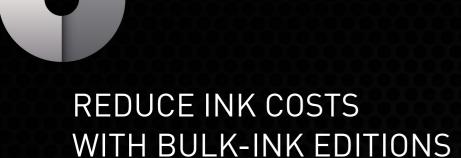
700ml\*

# EPSON PROPERTY OF THE PROPERTY

- Widest colour gamut to meet most demanding jobs with 10-colour configuration
- Epson UltraChrome™ GS3 ink Technology with Red Greenguard Gold certified for low chemical emissions
- Amazing quality and detail with smooth gradations, accurate skin tones and sharp, grain-free images

<sup>\* 700</sup>ml for all colours; except 600ml for White & 350ml for Metallic Silver.

# **ECO-SOLVENT**



These printers break new ground in sign printing by dramatically reducing ink costs. They deliver fast print speeds, best-in-class 98.2%1 PANTONE certification<sup>2</sup> and lamination along with the convenience and savings of bulk ink.

Innovative bulk-ink packs offer low ink cost, so you can print more at a lower ink cost per square foot. Plus, in addition to delivering longer, unattended printing, they reduce plastic waste compared to traditional cartridge systems.



### **Epson Edge** Print Pro

Offers a simple and effective tool for production imaging in environments which do not require advanced workflow management.

### A first-of-its-kind fabric wiping system

Improves printhead life while automating maintenance to keep your printer running in top form.





### High volume 1.5-Litre bulk-ink packs

Save time and money, reduce waste and increase uptime because you have to replace ink less frequently.

1 98.2% coverage of PANTONE PLUS FORMULA GUIDE solid-coated palette on adhesive vinyl media. PANTONE coverage may vary when printed under other conditions.

<sup>2</sup> PANTONE® certification applies to SC-S80670L only.

64"

GS3 ULTRACHROMI GS3 INK



Dual 4-colour bulk-ink sign printer SC-S60670L



- Dual, 4-colour UltraChrome<sup>™</sup> GS3 ink for high productivity
- Greenguard Gold certified for low chemical emissions

64"

GS3 ULTRACHROI



MAX. INK CAPACITY 1500ml\*

10-colour bulk-ink sign printer SC-S80670L



- Pantone Digital Colour certified for high colour accuracy
- Media Versatility through Auto-Tension control and paper feeding mechanism
- \* 1,500ml for colour and White, 500ml for Metallic Silver.

## 20-hours\*

### of continuous unattended printing

The SureColor S-series printers enable up to 20-hours\* of continuous unattended printing with a 50%\*\* less need for replacements therefore enabling operators to attend to other matters.

1.5L **Bulk Ink Packs** The Ink Capacity



For SC-S60670L and SC-S80670L:

\* Based on internal simulation of solid colour printing. Actual result could differ based on printing conditions.

\*\*Ink cartridge and waste ink bottle replacement frequency: Approximately 50% less than the S-series cartridge edition (SC-S40670 / S60670 / SC-S80670).

# **RESIN PRINTING**

### HIGHLY VERSATILE, HIGH-PERFORMANCE RESIN PRINTERS

Epson SureColor R-Series 64" roll-to-roll printers are the perfect choice for high-volume shops looking for a fast, versatile printing solution. Tackle any signage job with all new, multi-purpose resin ink that delivers outstanding, repeatable colour on a wide range of media, including wallpapers, uncoated papers, and more. Blistering print speeds and immediate lamination boost productivity. Plus, economical bulk ink packs offer increased convenience and reduce the total cost of ownership.



### Epson UltraChrome RS resin inks

Dries instantly for highly scratch-resistant prints that you can laminate immediately for faster turnaround.

### Instant lamination

Achieve fuss-free instant lamination with our durable water-based inks.





### New multi-purpose resin ink

Delivers extremely accurate, reliably consistent, high-quality colour for repeat jobs, brand colours, wall tiling applications and more.

# 64"





### **Standard Resin Printer** SC-R5030



- Outstanding image quality and repeatable colour at production speeds
- Convenient, efficient 1.5-Litre bulk ink packs



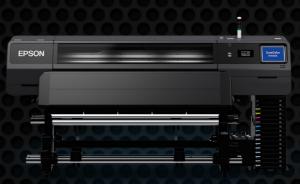
# RS3 INK



MAX. INK CAPACITY PER COLOUR 3000ml

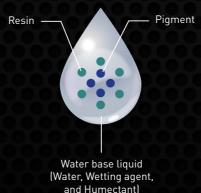
(1500ml x 2)

### Supersized Bulk Ink Resin Printer SC-R5030L



- High-quality, colour-accurate output on a variety of media
- Cost-reducing 3-Litre (1.5-Litre x 2 packs) bulk ink system
- Hot swap function reduces printer down time

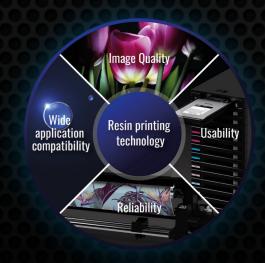
### What is Water-Based Resin



Water Based Resin Inks contain

- Water
- Resin
- Wetting Agent
- Humectant

The UltraChrome RS Ink forms a more uniform layer of ink on the print media, eliminating the existing challenge of diffused reflection from surfaces.

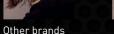




## **EPSON ALL-IN-ONE** FLATBED UV PRINTER

With the ability to print directly on a wide variety of rigid substrates up to 80mm thick, the Epson SureColor V7000 flatbed printer offers you a cost-effective solution for expanding your shop's capabilities. Featuring 10-colour UltraChrome UV Ink, including red and grey inks, it produces bright, colourful, tactile high-quality prints with smooth gradation and neutral greys in record time. Plus, the quick media loading and easy alignment, along with intuitive RIP software makes the SureColor V7000 a breeze to use.





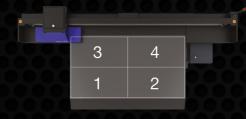
Epson SC-V7000 with Variable Droplet

### Epson Ultrachrome UV Inks

With up to 10 colour ink sets that provide low graininess and banding, the UV flatbed printer provides highly vivid and consistent prints with its striking reds and stunning colours.

### Wide media usage

Automatic detection and adjustment to accommodate media of up to 80mm thick. The four zone vacuum can easily hold media in place securely.





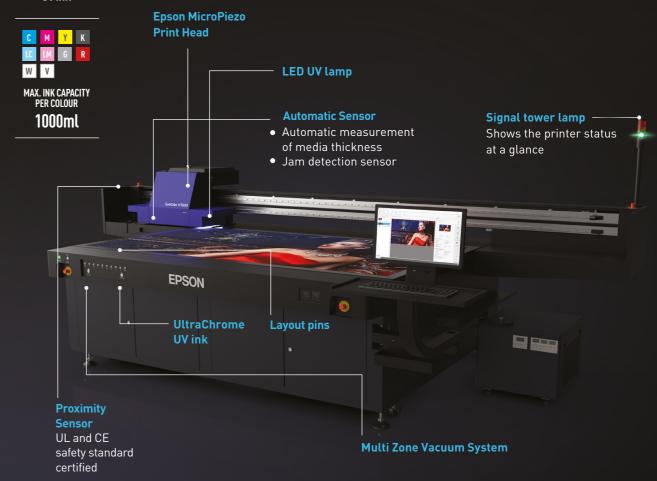
### White ink and varnish

Producing rich, high-quality prints on a variety of materials, the White ink and varnish enable operators to print glossy finishes, various textures, and more.

2.50m 1.25m

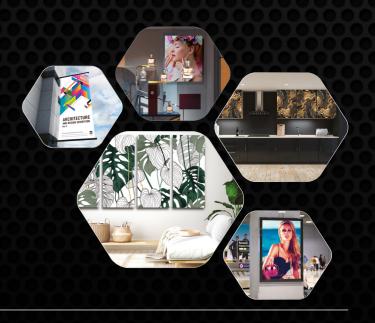


- Prints on media and rigid substrates up to 2.50m by 1.25m and 80mm thick
- Delivers outstanding quality prints at true production speeds
- Includes Epson Edge Print RIP software



### Versatility Redefined

Epson's SC-V7000 reinvents what large format printers can offer allowing businesses to print directly on a wide variety of substrates\* up to 80mm media thickness. This includes vinyl, textile, canvas, film, aluminium composite boards and styrofoam boards. The possibilities to create with the SC-V7000 is limitless!



Flatbed UV printer

SC-V7000

\*Some materials will require pre-treatment. Contact Epson to find out more.

### SURECOLOR SIGNAGE PRINTERS

### **SOLVENT PRINTING**

Mac System Requirement

SULVENT PRINTING						
MODEL NUMBER	MODEL NUMBER SC-S40670		SC-S60670 SC-S80670		SC-S80670L	
PRINT Technology	PrecisionCore Inkjet, Variable-Sized Droplet Technology	PrecisionCore Inkjet, Variable-Sized Droplet Technology				
Printhead	PrecisionCore TFP Printhead	PrecisionCore TFP Printhead	PrecisionCore TFP Printhead	PrecisionCore TFP Printhead	PrecisionCore TFP Printhead	
Maximum Resolution	1440 x 1440 dpi	1440 x 1440 dpi				
Print Speed	2 Pass - Up to 29.4 m²/h (720 x 720 dpi) 4 Pass - Up to 16.6 m²/h (720 x 720 dpi) 6 Pass - Up to 11.0 m²/h (720 x 1440 dpi)	2 Pass – Up to 52.3 m²/h (720 x 720 dpi) 4 Pass – Up to 31.6 m²/h (720 x 720 dpi) 6 Pass – Up to 20.7 m²/h (720 x 1440 dpi)	2 Pass - Up to 52.3 m²/h (720 x 720 dpi) 4 Pass - Up to 26.8 m²/h (720 x 720 dpi) 6 Pass - Up to 18.2 m²/h (720 x 1440 dpi)	2 Pass – Up to 52.3 m²/h (720 x 720 dpi) 4 Pass – Up to 31.6 m²/h (720 x 720 dpi) 6 Pass – Up to 20.7 m²/h (720 x 1440 dpi)	2 Pass – Up to 52.3 m²/h (720 x 720 dpi) 4 Pass – Up to 26.8 m²/h (720 x 720 dpi) 6 Pass – Up to 18.2 m²/h (720 x 720 dpi)	
INK Ink Type	Epson UltraChrome GS3 ink	Epson UltraChrome GS3 ink	Epson UltraChrome GS3 ink with Red	Epson UltraChrome GS3 ink	Epson UltraChrome GS3 ink with Red	
Colour Cyan, Magenta, Yellow, Black		Cyan, Magenta, Yellow, Black	Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta, Light Black, Orange, Red, White, Metallic Silver	Cyan, Magenta, Yellow, Black	Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta, Light Black, Orange, Red, White, Metallic Silver	
Ink Capacity	apacity 700ml		700ml Except White (600ml), Metallic Silver (350ml)	1500ml	1500ml	
Ink Case	Ink Cartridge	Ink Cartridge	Ink Cartridge	Ink Pack	Ink Pack	
MEDIA HANDLING Paper Path	Friction Feed	Friction Feed	Friction Feed	Friction Feed	Friction Feed	
Maximum Roll Diameter/Weight	Max. 250mm / 45kg	Max. 250mm / 45kg				
Maximum Reel Diameter/Weight	Max. 200mm	Max. 200mm	Max. 200mm	Max. 200mm	Max. 200mm	
CONNECTIVITY Interface	Hi-Speed USB 2.0, 100BASE-TX/10000BASE-T	Hi-Speed USB 2.0, 100BASE-TX/10000BASE-T	Hi-Speed USB 2.0, 100BASE-TX/10000BASE-T	Hi-Speed USB, 100BASE-TX/1000BASE-T	Hi-Speed USB, 100BASE-TX/1000BASE-T	
Printer Language	ESC/P	ESC/P	ESC/P	ESC/P	ESC/P	
Memory	Printer: 512MB Network: 128MB	Printer: 512MB Network: 128MB	Printer: 2GB Network: 128MB	Printer: 512MB Network: 128MB	Printer: 2GB Network: 128MB	
ENVIRONMENTAL CHARACTERISTICS Temperature	Operating: 15°C to 35°C (20°C to 32°C recommended)	Operating: 15°C to 35°C (20°C to 32°C recommended)				
Humidity	Operating: 20 – 80% (40 to 60% recommended)	Operating: 20 – 80% (40 to 60% recommended)				
DIMENSIONS & WEIGHT Printer Dimension (W) (mm) - Storage	2620	2620	2620	2766	2766	
Printer Dimension (D) (mm) - Storage	880	972	880	2766	1090	
Printer Dimension (H) (mm) - Storage	1338	1338	1338	1671	1671	
Weight	Approx. 279kg (without ink)	Approx. 291kg (without ink)	Approx. 284kg (without ink)	Approx. 331kg (without ink)	Approx. 326kg (without ink)	
SYSTEM Win PC System Requirement			rocessor (Recommend: 3.0GHz or later) – Memory: 8GB or ssor 3.0GHz (Recommend: Intel Core i5 3.4GHz or later) – 1			

EPSON Edge dashboard – OS: Mac OS X(10.7) or later – CPU: Multicore processor 3.0GHz (Recommend: Intel Core i5 3.4GHz or later) – Memory: 4GB or more free space – Storage 2GB or more free space – Monitor: 1280 x 1024 or more

### SURECOLOR SIGNAGE PRINTERS

Mac System Requirement

RESIN PRINTING	YYY	T Y Y T T T T T T T T T T T T T T T T T			
MODEL NUMBER	SC-R5030	SC-R5030L			
<b>PRINT</b> Technology	PrecisionCore Inkjet, Variable-Sized Droplet Technology				
Printhead	PrecisionCore TFP Printhead				
Maximum Resolution	1200 x 2400 dpi with 600 x 600 dpi 8 Half Tone layers				
Print Speed	Adhessive Vinyl, Paper/Other: 9 Pass Production 15.1 m²/h Banner, Non-woven Wallpaper: 6 Pass Production 21.0m²/h Textile: 14 Pass Production 9.5 m²/h Film: 26 Pass Production 5.2 m²/h				
INK Ink Type	UltraChrome I	RS Ink			
Colour	Cyan, Magenta, Yellow, Black, Light Cyan, Light Magenta				
Ink Capacity	1500ml	1500ml x 2			
Ink Case	Ink Supply Unit				
MEDIA HANDLING Paper Path	Friction Feed				
Maximum Roll Diameter/Weight	Max. 250mm / 45kg				
Maximum Reel Diameter/Weight	Max. 200mm / 45kg				
CONNECTIVITY Interface	USB (Hi-speed USB), 100BASE-TX/1000BASE-T				
Printer Language	ESC/P				
Memory	2GB				
ENVIRONMENTAL CHARACTERISTICS Temperature	Operating: 15°C to 30°C (20°C to 32°C recommended)				
Humidity	Operating: 20 (40 to 60% recom				
<b>DIMENSIONS &amp; WEIGHT</b> Printer Dimension (W) (mm) - Storage	EIGHT 2949				
Printer Dimension (D) (mm) - Storage	1045				
Printer Dimension (H) (mm) - Storage	1774				
Weight	Approx. 425kg (without ink)	Approx. 449kg (without ink)			
SYSTEM Win PC System Requirement	EPSON Edge Print - OS: Windows 7 x64 SP1, 8 x64, 8.1 x64, 10 x64 - CPU: Multicore processor (Recommend: 3.0GHz or later) – Memory: 8GB or more free space – Storage: 50GB or more free space – Monitor: 1280 x 1024 or more				

SURECOLOR SIGNAGE PRINTERS

### **UV PRINTING**



EPSON Edge dashboard – OS: Windows 7 x32/64 SP1, 8 x64, 8.1 x64, 10 x64 – CPU: Multicore processor 3.0GHz (Recommend: Intel Core i5 3.4GHz or later) – Memory: 4GB or more free space – Storage 2GB or more free space – Monitor: 1280 x 1024 or more – UV Flatbed Controller: Win8/10 64bit, 8GB M, 250GB SSD, USB 3.0

[Recommend: Intel Core i5 3.4GHz or later] - Memory: 4GB or more free space - Storage 2GB or more free space - Monitor: 1280 x 1024 or more

		PRINTER MODELS
SIGNAGE	SC-S40670 / SC-S60670	SC-S80670
CONSUMABLES	1900	

& OPTIONS

Document Pack



1950 E

SC-S60670L

					1000 1000		
DE	SCRIPTION	Ink Capacity	Product Code	Ink Capacity	Product Code	Ink Capacity	Product Code
	() Black Ink	700 ml	C13T892100	700 ml	C13T892100	1500 ml	C13T45P100
	Cyan Ink	700 ml	C13T892200	700 ml	C13T892200	1500 ml	C13T45P200
	Magenta Ink	700 ml	C13T892300	700 ml	C13T892300	1500 ml	C13T45P300
	Yellow Ink	700 ml	C13T892400	700 ml	C13T892400	1500 ml	C13T45P400
	Light Cyan Ink			700 ml	C13T892500		
	Light Magenta Ink			700 ml	C13T892600		
	Grey lnk						
	Light Black Ink			700 ml	C13T892700		
	🔥 Orange Ink			700 ml	C13T892800		
S	Red Ink			700 ml	C13T892900		
31.6	● White Ink			600 ml	C13T892A00		
MA	Metallic Silver Ink			350 ml	C13T892B00		
CONSUMABLES	Cleaning Liquid	350 ml	C13T696000	350 ml	C13T696000	700 ml	C13T44A500
NO	Varnish						
ပ	Optimiser						
п	Maintenance Liquid						
н	Maintenance Parts Kit		C13S210044		C13S210044		C13S210093
п	Ink Cleaner		C13T699300		C13T699300		C13T699300
н	Cleaning Stick		C13S090013		C13S090013		C13S090013
н	Clean Room Wiper		C13S090016		C13S090016		C13S090016
	Waste Ink Bottle		C13T724000		C13T724000		C13S210071
	Wiper Unit						
	Cleaning Kit						
	Coolant				ml C13T892300 1500 ml C13T892500 ml C13T892600 ml C13T892700 ml C13T892800 ml C13T892900 ml C13T892800 ml C13T892B00 ml C13T892B00 ml C13T696000 7000  C13S210044 C13T699300 C13S090013 C13S090016		
	Bulk Ink Solution						C12C934611
	Substrate Support System		C12C932361		C12C932361		
OPTIONS	Additional Print Drying System		C12C932381		C12C932381		C12C932381
	Option Set*  *Includes Bulk Ink Solution, Substrate Support System and Curing heater.		C12C932411		C12C932411		C12C932411
	Media Edge Plate		C12C932411		C12C932411		C12C932411
	Media Spacer						
	Head Installation Kit						

### PRINTER MODELS

SC-S80670L		SC-R	5030	SC-R	5030L	SC-V7000	
		PRON		EPSON			
Ink Capacity	Product Code						
1500 ml	C13T45P100	1500 ml	C13T48D100	1500 ml x 2	C13T45R100	1000 ml	C13T49V110
1500 ml	C13T45P200	1500 ml	C13T48D200	1500 ml x 2	C13T45R200	1000 ml	C13T49V210
1500 ml	C13T45P300	1500 ml	C13T48D300	1500 ml x 2	C13T45R300	1000 ml	C13T49V310
1500 ml	C13T45P400	1500 ml	C13T48D400	1500 ml x 2	C13T45R400	1000 ml	C13T49V410
1500 ml	C13T45P500	1500 ml	C13T48D500	1500 ml x 2	C13T45R500	1000 ml	C13T49V510
1500 ml	C13T45P600	1500 ml	C13T48D600	1500 ml x 2	C13T45R600	1000 ml	C13T49V610
						1000 ml	C13T49V710
1500 ml	C13T45P700						
1500 ml	C13T45P800						
1500 ml	C13T45P900						C13T49V810
1500 ml	C13T45PA00						C13T49V910
500 ml	C13T45PB00						
700 ml	C13T44A500			1500 ml	C13T45X100		C13T49V010
							C13T49VA10
		1500 ml	C13T48D700	1500 ml x 2	C13T45R700		
		1500 ml	C13T48D800	1500 ml x 2	C13T45R800		
	C13S210093						
	C13T699300						
	C13S090013		C13S090013		C13S090013		
	C13S090016		C13S090016		C13S090016		
	C13S210071		C13S210071		C13S210071		C13T724000
			C13S210100		C13S210100		
			C13S210103		C13S210103		
							C13S210135
	C12C934631						
	C12C932381						
	C12C932411		C12C935291		C12C935291		
	C12C932411		C12C935321		C12C935321		
			C12C937271		C12C937271		
							C12C935921
							C12C936421