Epson SureColor® F7100 DS System

- Designed for high volume roll-based fabric & soft signage production

- Epson Ultrachrome™ Dye Sublimation ink provides enhanced colour & brightness with predictable performance & exceptional wash/UV durability

- Fast & flexible with support for resolutions up to 720x1440dpi & print speeds up to 58.9m^2/hr

- Designed for cost-effective high-volume production with low power consumption, a large 6L Continuous Ink Supply System (CISS), Media Output Heater, Remote Status Notification & Management

- Supports roll-to-roll production with Automatic Tension Control (ATC) & a high precision Auto Take-Up (ATU) for calendar transfer support

- Epson PrecisionCore™ print head with Variable Size Dot Technology™ (VSDT) for superior half tones & optimised ink usage

- Oeko-Tex™ certification ensures garments can be worn by adults, children & infants

Epson SureColor Fabric Range
SC-F7100 64" Roll Based Dye-Sub System

Product Specifications

PRINTING TECHNOLOGY	
Print Head	Epson PrecisionCore ™ TFP with VSDT
Print Modes	Uni & Bi-directional
Configuration	2x360 Nozzles per colour
Maximum Resolution	720x1440 dpi
Minimum Droplet Size	5.3 pl
INK SYSTEM	
Ink Type	Epson Ultrachrome® DS
Colours	C+Y+M+Bk
Supply	4 x 1.5L CISS with 1L refills
PERFORMANCE[1]	
Draft	58.9m²/hr 1 Pass (360x720dpi)
High Speed	30.4m²/hr 2 Pass (720x720dpi)
Production 1	21.3m²/hr 3 Pass (720x720dpi)
Quality	11.1m²/hr 6 Pass (720x1440dpi)
MEDIA SUPPORT	
Roll Format	Single Roll, 250mm max diameter 40Kg max weight, 0.08-1mm thick (75gsm or greater), 300-1625.6mm width
Printing Width	1615.6mm Max with 5mm margins (10mm margins with media holding plate)
OPERATION	
Control Panel	2.5" Colour LCD with in-built help
Ultility Software	Communications driver, LFP RemotePanel 2, EpsonNet setup, Config & Print utilities
RIP Software	Epson Sublimation software from ErgoSoft in Professional edition (includes facilities for precision colour management, job costing & volume batch processing)
Interface	USB 2.0 & Ethernet 100Base-TX/1000Base-T
Memory	512 MB Main + 128MB Network
Media Heater Settings	0, 30-55ºC
ENVIRONMENTAL	
Operational Temp	15-35ºC (15 - 25ºC recommended)
Operational Humidity	20-80% (no condensation,40-60%% recommended)
Power Supply	AC 100 V - 240 V, 50 Hz - 60 Hz, 5-10A
Power Consumption	460W Operating / 30W Standby (Heater Off) / 10W Sleep
Operating Noise	59dB

PHYSICAL	
Dimensions	2620 mm x 1311 mm x 1013 mm (WxHxD)
Weight	269Kg with Media Supply System & CISS, no ink
Shipping Carton (Main Unit)	3180 mm x 1105 mm x 1026 mm (WxHxD), 296Kg
Shipping Carton (MSS)	3100 mm x 1100 mm x 720 mm, 110Kg
WHAT'S IN THE BOX[2]	
	Printer, Media Supply System (MSS) with ATU, CISS, Power Cords, 4 x 1L Ink packs, Waste Ink bottle, Maintenance Kit, 1 x 64" Roll of Epson Multi-Purpose Transfer Paper, Installation/Safety manual, Utility & User manual (CD), Ergosoft RIP software (Professional Epson Edition) & Warranty Info.
CONFIGURATION OPTIONS[3]	
SCF7100AP1Y	Delivered with 1Yr On-Site Wty & ErgoSoft Sublimation Pro s/w
SCF7100AP3Y	Delivered with 1Yr On-Site Wty, 2Yr On-Site Service Pack (3Yr Total Cover) & ErgoSoft Sublimation Pro s/w
CONSUMABLES	
C13T724000	Replacement Waste Ink Bottle
C13T724200	Replacement Maintenance Kit
C12C890891	Additional Media Holding Plate
10-CUBEN	Optional 10L Waste Ink Recycling Bottle
C13T741100	6 x 1L Black UltraChrome DS Ink Refills
C13T741200	6 x 1L Cyan UltraChrome DS Ink Refills
C13T741300	6 x 1L Magenta UltraChrome DS Ink Refills
C13T741400	6 x 1L Yellow UltraChrome DS Ink Refills

EPSON ULTRACHROME DS INK

CONFIDENCE IN TEXTILES
Tested for harmful substances
according to Oeko-Tex® Standard 100
N-KEN 12123   Nissenken

The four colour Epson dye sublimation inks used in the SureColor SCF7100 printer, when applied to polyester fabrics, pass the requirements of the Oeko-Tex Standard 100 for human ecological requirements of Class I products for adults, children, and babies up to 36 months. The standard specifies testing criteria for the presence of harmful substances within a textile product and belongs to the International Association for Research and Testing in the field of Textile Ecology (Oeko-Tex).

1 Performance figures are printer speeds only; actual production times will vary depending on computing platform, print application, file format/ size and networking configuration.
2 The independent sourcing of a calendar press will be required. Operation with heavy ink loads, high speeds, with certain media types and under some environmental conditions may also require the use of an ancillary heater/blower.
3 Delivery & on-site service is provided free of charge within limited areas. Service cover is also conditional. Please see the Epson Australia web site for terms and conditions.

ergosoft
rip solutions

Efficient Production with Single Operator Media Loading, Precision ATU, Remote Status Notification & Management

High Capacity CISS notifies the operator when a tank is low and can be refilled while printing continues

Cost-effective 1L refills are easy to store and produce less waste.

EPSON
EXCEED YOUR VISION

Better Products for a Better Future