SureColor F10070 Series

Sales Reference Guide

SureColor F10070 Series

SureColor F10070

C M Y HDK

4-Color

SureColor F10070H

C M Y HDK Fy Fp

or

C Lc M Lm Y HDK

6-Color

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Printer Overview

Wide Window with Interior Lighting

Signal Lamp

Hot Swappable 10L Liter Ink Packs

9" Control Panel

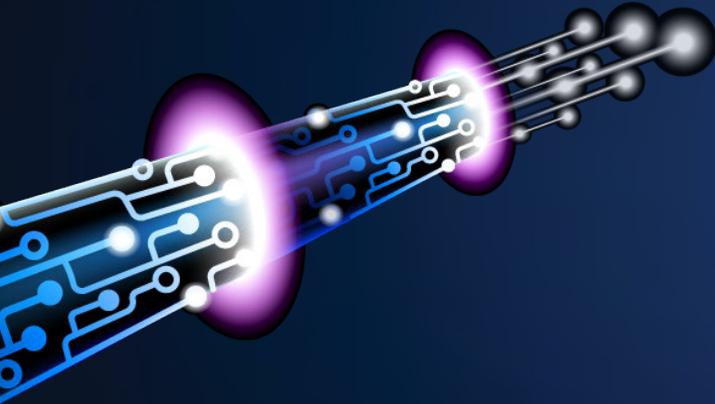Fabric Head Wiper

High Efficiency Dryer

Auto Take-Up Reel

76" Print Width

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SureColor F10070H

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Built for High Performance

High speed TECHNOLOGY

Designed for High-Speed Production of Sellable Goods

Print Mode	SC-F10070 Print Speed 4-Color	SC-F10070H Print Speed 6-Color
Fashion / Signage	Up to 2,700 ft^2/hr	Up to 2,635 ft^2/hr
Sports Apparel	Up to 1,600 ft^2/hr	Up to 1,550 ft^2/hr

- Advanced Multi-Core Processor handles large data volume at high speed
  - Step and Repeat pattern printing handled by printer, freeing PC to work on next job
  - Speed-of-Light communication between processor and printhead via Optic Fiber
- High Quality, Low Pass Printing
  - Advanced Auto-Media Tension Control System for accurate media feed control
  - Partial Overlap Printing and Epson Precision Dot virtually eliminates any banding
- *Job Connection* feature improves throughput by eliminating activities between jobs

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PrecisionCore® Printheads

All-New High-Performance Printhead Technology

- 3,200 nozzles per printhead
  - SureColor F10070 features 4 heads = 12,800 nozzles
  - SureColor F10070H features 6 heads = 19,200 nozzles
- Printhead width of 4.7 inches delivers high productivity with extreme drop placement accuracy for outstanding print quality
- Variable-Sized Droplet Technology with resolution up to 1,200 x 1,200 dpi
- New Nozzle Verification Technology automatically compensates for irregular nozzles and automatically verifies and cleans nozzles without using media
- Built-in redundancy should an issue occur so that production can continue
- User replaceable head design requires no tools and can be completed in minutes

4.7" Width

PRECISIONCORE

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UltraChrome DS Inks

High-Performance Ink Technology

- Bold color Ink set with High Density Black ink for rich color and high contrast
    - Fluorescent Pink and Yellow available[2] for apparel and high visibility applications
    - Light Cyan and Light Magenta available[2] for reduced grain and smooth gradations
- *Oeko-Tex ECO PASSPORT* certified inks

    When applied to fabric and appropriately fixed, garments have been determined safe for use by adults, children, and babies[1].
- Hot-Swappable Ink system automatically switches from empty ink pack to new ink pack for uninterrupted printing
- Ink packs available in 10 Liter capacities per color

OEKO-TEX®
INSPIRING CONFIDENCE
ECO PASSPORT
NEP 1902 Nissenken
Textile and leather chemicals.
Tested and verified.
www.oeko-tex.com/ecopassport

[1] When applied to fabric and appropriately fixed Epson DS ink has passed the standards set by OEKO-TEX® ECO PASSPORT. For further details on these standards please visit **www.oeko-tex.com/ecopass**.
[2] The SureColor F10070H printer can be configured with either Fluorescent Pink/Yellow OR Light Cyan/Light Magenta. The Ink type is not user changeable once set.

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Epson Precision Dot Technology

Epson Precision Dot Technology

Micro Weave   Multi Layer Halftone   LUT

Hardware Optimized Image Processing Engine

Produce High image quality with little grain and reduced print banding

- New Multi Layer Halftoning technology produces consistent print quality even in the harshest factory environments

- Optimized to achieve maximum color gamut, smooth gradations, and color constancy under different lighting conditions

- New Micro weaving with color separated partial overlap between print chips and passes results in uniform print quality and minimizes print banding in low pass print modes

Designed for Harsh Environments

Intake Fan

Media Cleaner
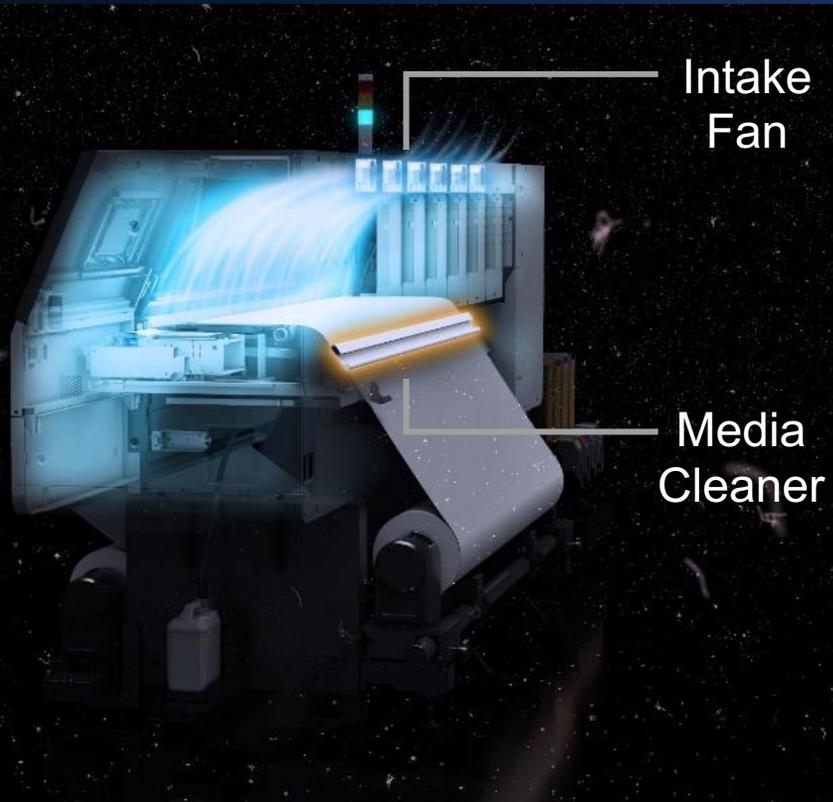
Active Air Filtration System

- Positive air pressure inside of printer helps prevent dust and fibers from contaminating paper and printheads

Transfer Paper Cleaning System

- Fabric pads clean the media surface and remove dust prior to entering the printer

Printhead Fabric Wiper Cleaning System

- Cleaning fabric removes contaminates from printheads ensuring greater uptime

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Control Panel

Header
(buttons for frequently-used functions.)

Messages
(printer's status etc.)

Information on
consumables

Dryer's Preheat
Start button

Footer
(Temp., humid. and data/time)

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Compact Media Dryer
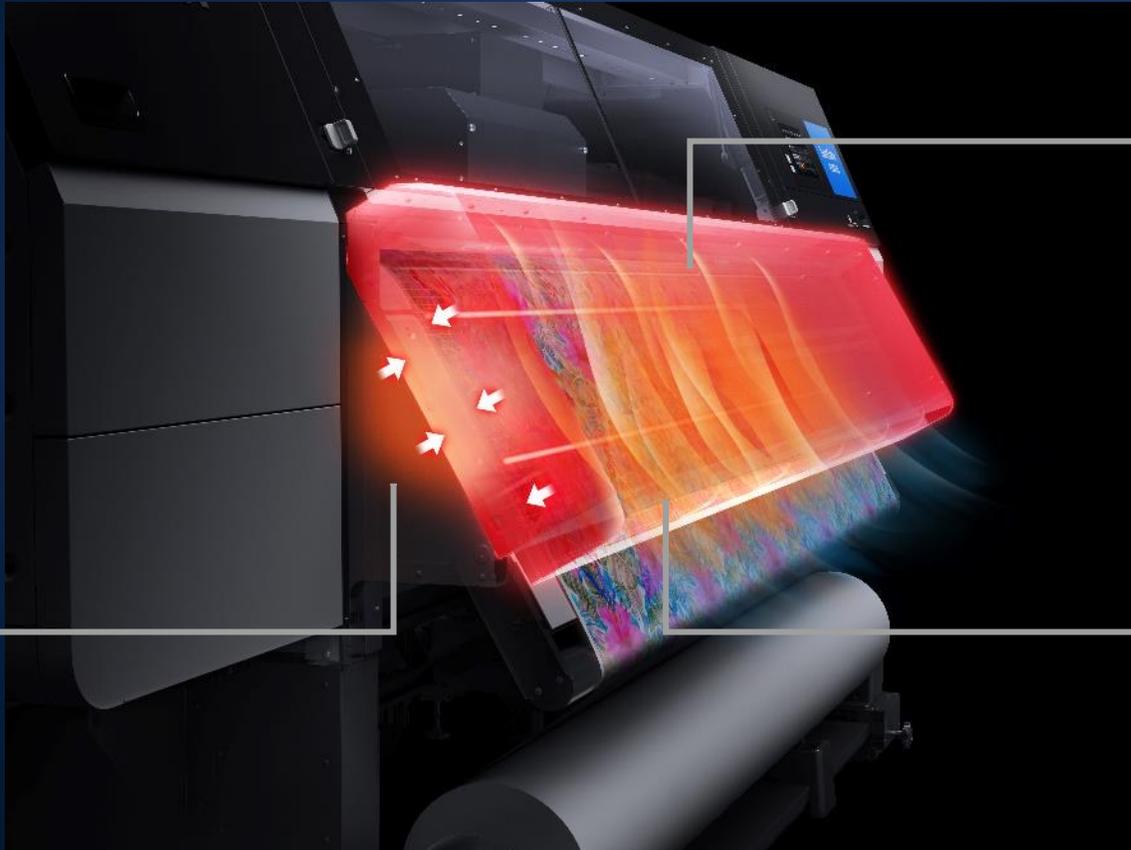
Air stream moves heated air away from print area*

Backside Media heater

Max. temperature up to 230° F

* Fan in Dryer can be independently operated even during heater-off status.

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Printer Workflow Software
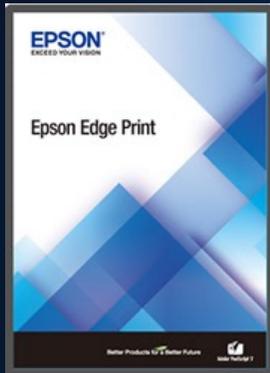
SureColor F10070 Printers include Epson Edge Print

- Complete layout and printer management is standard
- Powerful color management technology in an easy to use and intuitive workflow
- Features an Adobe ® PostScript ® 3™ Engine for graphic file compatibility
- Equipped with tools specifically for digital textile printing including step and repeat, spot color matching, and custom color library support.

Compatibility with Industry-Leading RIP's

- Epson printers are compatible with the leading RIP workflow solutions

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Epson Cloud Solution PORT

**Operational dashboard view of your production line**

- Cloud based print fleet activity reporting

- View production rates, printer utilization, up-time, and more from any connected device

- Live information to optimize your production efficiency

- Advanced service and support capability

Use of Epson Cloud Solution PORT requires an internet connection and supported web browser

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Epson Preferred Plus Service Programs

Epson Preferred Plus Service Coverage plans include:

- Technical phone support Monday thru Friday from 6:00am until 6:00pm PST

- If required, usually next-business day onsite service.

- Covers the printer, genuine Epson optional accessories, and Epson software

- Can be renewed annually for up to 5 years of coverage

- Select a plan that best fits your business needs:
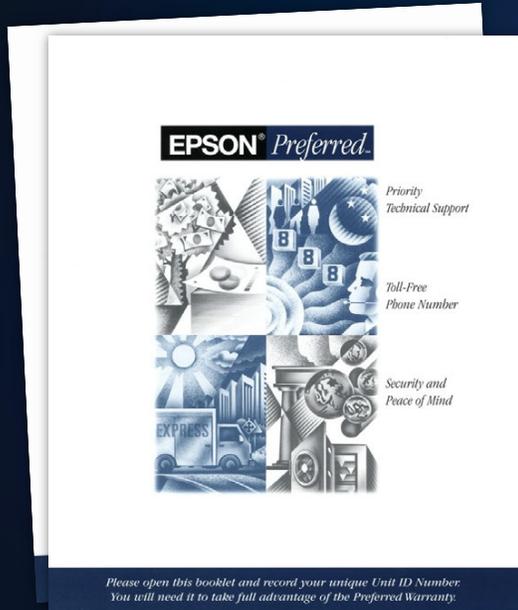
	Epson Preferred Plus Plan	Epson Preferred Plus with Print Head Self-Service Plan[1]
Service (excluding print head) performed by:	Epson America	Epson America
Printhead Replacement performed by:	Epson America	User
Print heads included in plan	Yes, Up to 1 print heads per year	No, Print head available at discounted price
Service Coverage Period	1 Year, renewable up to 5 years	1 Year, 3 Year, or 5 Year plans available. Plans can be mixed to to provide coverage up to 5 years

[1] Epson Preferred Plus with Printhead Self-Service plans require enrollment in Epson Cloud Solution PORT. The printer must have Internet connectivity when it is set up and when the customer replaces a print head. Epson recommends that the Printer have a full-time Internet connection to allow customer to access advanced Printer-management features.

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Why Epson Dye-Sub?

- Industrial-level production speeds
  - Up to 2,700 ft²/hr production print speed
  - Efficient job processing for less idle time
  - Very little user maintenance needed to limit print production interruptions

- Designed for high reliability
  - Rugged build quality designed for the harshest factory environments
  - Self-Aware printheads ensure quality output
  - Multiple levels of redundancy to minimize downtime

- High image quality
  - Epson UltraChrome DS inks produce amazing color with rich blacks
  - Epson Precision Dot technology results in consistent, repeatable print quality

- Low cost-of-ownership
  - High Capacity 10-Liter ink packs deliver low ink costs

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Complete Epson Genuine Solution

Printer Hardware

PrecisionCore Printhead

Genuine Supplies

All key components have been developed by Epson to deliver the best performance.

"We focus on the printing details,
so you can focus on growing your business"

Workflow Software

Precision Dot Technology

Epson Service & Support

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Specifications are subject to change without notice

Print speeds for the SureColor F10070 series are based on print engine speed only, in bi-directional mode.
Total throughput times depend upon front-end RIP, file size, printer resolution, ink coverage, networking, etc.

The SureColor F10070 series is designed to use only Epson ink cartridges and refill packs and no other brands of new or refilled cartridges, or other brands of ink or bulk ink systems. Using Epson ink is important for reliable performance and high image quality.

*Oeko-Tex Standard specifies testing criteria for the presence of harmful substances within a textile product.
The standard belongs to the International Association for Research and Testing in the field of Textile Ecology (Oeko-Tex).

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