SureColor® F-Series

Epson SureColor F2000 Series

Direct-to-Garment
For over three years, Epson dedicated a team of mechanical, chemical and software engineers to create an all-new imaging technology for printing directly to garments. This commitment allowed us to rethink everything and ultimately design a garment printer that was meant to be.

**Introducing the Epson SureColor F2000 Series**

Designed using the latest advancements in performance imaging, like our Epson® PrecisionCore™ TFP® printhead, along with our all-new garment ink technology — Epson UltraChrome® DG — the SureColor F2000 series will become the new benchmark in high-performance garment imaging.
A New Benchmark. A Smart Option.

Having both color and White inks on board, Epson developed the SureColor F2000 White Edition to handle virtually any garment imaging requirement. By utilizing an advanced PrecisionCore TFP printhead — developed specifically for our unique Epson UltraChrome DG garment ink technology — the purpose-built SureColor F2000 series produces outstanding garment print quality, at production-level print speeds. And, when you combine this cutting-edge imaging technology with world-class service and support, the SureColor F2000 series could quite possibly be the best direct-to-garment printers ever developed.

Not every printed garment requires White ink. For this reason, Epson developed the SureColor F2000 Color Edition. By dedicating all printhead nozzles to color ink, we're able to increase the overall print speed by up to 80 percent, versus printing the same color-only garment on the SureColor F2000 White Edition. For print shops planning for various garment production goals, this increase in daily production — along with significantly reduced printer maintenance — provides a smarter option.
Epson UltraChrome DG Ink

No other single component of a garment printer is more important than the ink. This is why Epson spent over three years developing a garment ink technology exclusively for the SureColor F2000 series. Designed for durability, along with outstanding color and White density performance over a wide range of cotton and cotton-polyester blends, Epson UltraChrome DG Ink sets a new standard in professional-level garment ink technology.

Amazing Color Performance
Epson UltraChrome DG Ink produces exceptionally vibrant colors, neutral grays, and sharp contours. Your printed garments are simply stunning — exactly what you’d expect from Epson.

Outstanding White Ink Density
Amazing color begins with proper White ink density. So, Epson developed an all-new natural shade of white for outstanding color and white-only garment imaging.

High Garment Durability
Independently tested by Philadelphia University using the AATCC standards, the SureColor F2000 received the highest possible rating of 5 — ensuring your garments will last.

Oeko-Tex® Standard
Epson UltraChrome DG Ink, when applied to cellulose fabrics, has passed the Oeko-Tex Standard 100 specification for human and ecological requirements for class 1 products — which means, it’s safe.

Six High-Capacity Ink Cartridges
It’s all about productivity, which is why Epson developed high-capacity ink cartridges in both 250 ml and 600 ml capacities — providing up to 3000 ml of ink on board.

Smart Filtering Ink Cartridges
A reliable printer starts with clean ink. For this reason, Epson developed an ink cartridge with an internal filter. As the ink leaves the cartridge, it’s being filtered for particulates. Now that’s smart.

Epson Pretreatment Fluid
Epson developed a specialized pretreatment fluid for our UltraChrome DG Ink for color and black garments. This ensures amazing White and color ink density with a feel that’s soft to the touch.
Advanced Garment Imaging Technology

From day one, Epson designed the SureColor F2000 series to be direct-to-garment printers. In every aspect, from the printer mechanism and printhead, to the ink chemistry and ink delivery systems, Epson developed the technology to work seamlessly together. The result is quite possibly the most advanced garment imaging system ever offered. Finally, a true direct-to-garment imaging technology designed for serious, reliable production, from a company you can trust — Epson.

Purpose-Built Printer Design
Unlike most direct-to-garment printer manufacturers, Epson started with a blank slate and designed a printer from the ground up specifically for garment imaging. This is the garment printer you’ve been waiting for.

Epson PrecisionCore TFP Printhead
Designed for the demanding requirements of garment imaging, our most advanced printhead technology allows for both high production print speeds along with outstanding everyday reliability.

Platen Gap Optimization
An LED beam automatically scans each garment prior to printing. By ensuring the garment was loaded properly, overall waste is significantly lowered, while increasing productivity.

Simple, Tool-Free Maintenance
Epson designed the three commonly serviced components within any garment printer to be user-replaceable. This dramatically reduces downtime, service headaches, and more importantly — cost.

User-Adjustable Platen Height
Providing faster and more consistent garment loading, the platen can be manually adjusted to accommodate just about any garment type and thickness.

Small Footprint & Whisper-Quiet Operation
The entire printer is only 38.8” W x 56.1” D x 19.3” H, making it available for any study table. And, with an operational noise level rating of about 42 dB, it’s extremely quiet.

World-Class Service & Support
Every SureColor F2000 comes standard with a one-year, on-site limited warranty — including free phone support. And did we mention even the printhead* is covered?

* See Limited Warranty for details.
Advanced Garment Imaging Technology

From the very beginning, Epson designed the SureColor F2000 series to be direct-to-garment printers. In every aspect, from the printhead mechanism and printhead, to the ink chemistry and ink delivery systems, Epson developed the technology to work seamlessly together. The result is quite possibly the most advanced garment imaging system ever offered. Finally, a true direct-to-garment imaging technology, designed for serious, reliable production, from a company you can trust — Epson.

Flexible Connectivity

Hi-Speed USB 2.0, 10/100 Ethernet

Versatile Garment Bed

Every SureColor F2000 comes standard with our medium-sized garment platen with a full 14" x 16" print area. You can purchase optional garment platens for a variety of garment types and sizes up to a height of 12" x 18" print area.

Full-Color LCD Control Panel

Easily configure and display various printer and maintenance settings. And, when used with the USB memory port for PC-free printing, it can even display job file previews.

PC-Free Printing

Work offline virtually anywhere. Copy your garment designs to a USB memory stick and print without a computer. It doesn’t get any easier than this.

Purpose-Built Printer Design

Unlike most direct-to-garment printer manufacturers, Epson started with a blank slate and designed a printer from the ground up specifically for garment imaging. This is the garment printer you’ve been waiting for.

Epson PrecisionCore TFP Printhead

Designed for the demanding requirements of garment imaging, our most advanced and most durable printhead technology allows for high production print speeds along with outstanding everyday reliability.

Clear Top Access Cover

In addition to easy access for various printer maintenance, you can quickly open and verify your job as it prints.
Epson Garment Creator

An amazing garment printer requires amazing software — introducing Garment Creator by Epson. Available as a free download for both Apple® OS X® and Microsoft® Windows®, Garment Creator is a simple-to-use layout and printing solution for everyday garment production. Designed for anyone to use, Garment Creator makes it easy to import your artwork, knock out areas for transparency, control white imaging, correct and manage color, control your ink densities, and much more. And with a built-in Job Estimating Tool, Garment Creator can automatically tell you how much ink was consumed for every garment printed. Epson Garment Creator produces outstanding photographic-quality prints on both light and dark garment types. It’s the perfect everyday printing tool for virtually any garment printing workflow.

### Garment Durability

A heat press or heat tunnel is an optional piece of equipment, discuss requirements with an authorized reseller.

- Heat Press: White and colored inks — 330°F at 6 PSI for 45 sec. White or color ink only — 320°F for 4.5 to 5 min. White or color ink only — 320°F for 3.5 to 5 min.
- Heat Tunnel: White or colored inks — 330°F for 15 sec. White or color ink only — 320°F for 4.5 to 5 min. White or color ink only — 320°F for 3.5 to 5 min.

A heat press or heat tunnel is an optional piece of equipment, discuss requirements with an authorized reseller.

### Power Consumption

- Voltage: AC 100 – 240 V
- Frequency: 50 – 60 Hz

### Regulatory Standards

UL (MET), FCC (Class A), CSA, TSCA, CE, EMC

### Limited Warranty

Standard one-year, on-site, usually next-business-day service with toll-free phone support Monday through Friday, except all holidays. Optional Epson Preferred Plus Service is available to extend coverage for up to two years beyond the initial warranty period.

### Included Software

- Garment Creator raster imaging application for Windows and Macintosh® (jpeg, tiff, png, bmp)
- SureColor F2000 White Edition
- SCF2000SE
- SCF2000WE
- SureColor F2000 Color Edition
- SCF2000CE
- SureColor F2000 Color Edition
- SCF2000CE

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### Table: Highlighted Specifications

<table>
<thead>
<tr>
<th>Feature</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td><strong>Dimensions and Weight</strong></td>
<td>SureColor F2000 White Edition</td>
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<tr>
<td></td>
<td>SCF2000SE &amp; SCF2000CE</td>
</tr>
<tr>
<td></td>
<td>White Edition nozzle configuration: 1440 nozzle for White</td>
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<tr>
<td></td>
<td>Color Edition nozzle configuration: 720 nozzle per color.</td>
</tr>
<tr>
<td><strong>Printing Technology</strong></td>
<td>PrecisionCore TFP Printhead</td>
</tr>
<tr>
<td><strong>Product Technology</strong></td>
<td>LED platen sensor</td>
</tr>
<tr>
<td><strong>Printer Interface</strong></td>
<td>Included as standard one Hi-Speed USB 2.0 port (1.1 and 3.0 compatible) and one wired 10/100 Ethernet port</td>
</tr>
<tr>
<td><strong>Operating Systems</strong></td>
<td>Microsoft Windows 8.1, Windows 7, Windows Vista® or Windows XP (32- or 64-bit), Mac OS® Yosemite (10.10), Mavericks (10.9), Mountain Lion (10.8), Lion (10.7), and Snow Leopard (10.6)</td>
</tr>
<tr>
<td><strong>Garment Compatibility</strong></td>
<td>100% cotton or cellulose fiber and blends to 50% cotton / 50% polyester</td>
</tr>
<tr>
<td><strong>Epson UltraChrome</strong></td>
<td>Ink cartridge fill volumes — 250 ml or 600 ml, a few colors total</td>
</tr>
<tr>
<td><strong>What’s in the Box?</strong></td>
<td>_calibration: White Ink ~ 300 ml, Cleaning Fluid ~360 ml. These Approximate Amounts Used are an estimate of the fluid necessary to perform the White Ink Tube Wash. Actual fluid consumption will vary and the specification is subject to change.</td>
</tr>
<tr>
<td><strong>Optional Accessories</strong></td>
<td>Epson pretreatment liquid (50 L)</td>
</tr>
<tr>
<td><strong>Electrical Requirements</strong></td>
<td>Voltage: AC 100 – 240 V</td>
</tr>
<tr>
<td></td>
<td>Operating: Approx. 52 W</td>
</tr>
<tr>
<td><strong>Regulatory Standards</strong></td>
<td>UL (MET), FCC (Class A), CSA, TSCA, CE, EMC</td>
</tr>
<tr>
<td><strong>Operating Conditions</strong></td>
<td>Temperature: 50˚ to 95˚F</td>
</tr>
<tr>
<td><strong>Curing Requirements</strong></td>
<td>Heat Press: White and colored inks — 330°F at 6 PSI for 45 sec. White or color ink only — 320°F at 6 PSI for 45 sec.</td>
</tr>
<tr>
<td><strong>Garment Durability</strong></td>
<td>AATCC Colorfast Laundering — Accelerated Test #61 rating of 5 (scale of 1-5, higher is better). Independently tested by Philadelphia University for dark 100% cotton garments, Epson prodment liquid and Epson UltraChrome DG ink cured through a heat tunnel</td>
</tr>
<tr>
<td><strong>Required White Ink Maintenance</strong></td>
<td>Regardless of print volumes, the fluids are consumed on a monthly basis in order to maintain the reliability of the white ink channel. White ink (~ 300 ml), Cleaning Fluid (~ 360 ml). These Approximate Amounts Used are an estimate of the fluid necessary to perform the White Ink Tube Wash. Actual fluid consumption will vary and the specification is subject to change.</td>
</tr>
</tbody>
</table>

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1. Being based on White and color ink on a dark garment cured on heat treated
2. The Edition and ink configuration is chosen; however, out additions and installation can be changed
3. All software and documentation is available upon request
4. All ink included and disposable ink cartridge in use on heat transfer channel
5. Please see your dealer or visit www.epson.com for the latest information on configuration is chosen at purchase and installation and cannot be changed
6. White Edition nozzle configuration: 1440 nozzles for White, 360 nozzles per color | 5 colors total |
7. The Edition and ink curation is chosen at purchase and installation and cannot be changed
8. Epson pretreatment liquid and Epson UltraChrome DG ink cured through a heat tunnel
9. Regardless of print volumes, the fluids are consumed on a monthly basis in order to maintain the reliability of the white ink channel. White ink (~ 300 ml), Cleaning Fluid (~ 360 ml). These Approximate Amounts Used are an estimate of the fluid necessary to perform the White Ink Tube Wash. Actual fluid consumption will vary and the specification is subject to change.
Safe for Children’s Apparel

Unlike many direct-to-garment inks, Epson UltraChrome DG Ink has passed Oeko-Tex specification. This allows you to produce, market and sell clothing for children.

More than T-Shirts

Epson UltraChrome DG Ink produces amazing color on virtually any cotton-based textile. This allows for truly saturated color, even when printing on non-white cotton garments, resulting in a soft, fade-resistant feel.

True Photographic Quality

Unlike traditional screen printing, direct-to-garment imaging can produce true photographic-quality garments. This opens up new possibilities as a T-shirt printer, allowing you to create unique cotton looks.

Impressive White Imaging

Printing on darker fabrics requires advanced white ink technology. Epson UltraChrome DG Ink was developed with a true natural white ink with exceptional density. This results in vivid white imaging, even on dark colors, retaining a soft, smooth feel for impressive dark garment printing.

Brilliant Color & Solid Blacks

A unique property of Epson UltraChrome DG Ink technology is its exceptional color balance. This allows for truly saturated color, even when printing on non-white cotton garments, such as all-over white ink.

Applications

F-Series

T-Shirts and More

Epson Garment Creator

An amazing garment printer requires amazing software — introducing Garment Creator by Epson. Available as a free download for both Apple® OS X® and Microsoft® Windows®, Garment Creator is a simple-to-use layout and printing solution for everyday garment production. Designed for anyone to use, Garment Creator makes it easy to import your artwork, knock out areas for transparency, control white imaging, control color, control your ink densities, and much more. And with a built-in Job Estimating Tool, Garment Creator can automatically tell you how much ink was consumed for every garment printed. Epson Garment Creator produces outstanding photographic-quality prints on both light and dark garment types. It is the perfect everyday printing tool for virtually any garment printing workflow.