EPSON®

EPSON T Series Sure
Color Graphic Plotter
Printers

EPSON T Series Sure Color Graphic Plotter Printers User Guide

Contents

EPSON®

EPSON T Series Sure Color Graphic Plotter Printers

Specifications:

- Print Speed: A1/D-size prints in as little as 16 seconds
- Ink Technology: UltraChrome XD3 Pigment Inks
- Resolution: Up to 2400 dpi
- Ink Cartridges: Available in various sizes from 110 mL to 1.6 L
- Control Panel: 4.3″ Touchscreen
- Media Handling: Dual-Roll Productivity

Product Usage Instructions

Setup and Installation:

1. Unbox the printer and remove all packaging materials.
2. Place the printer in a suitable location with ample space around for ventilation.
3. Connect the power cord and turn on the printer.
4. Follow the on-screen instructions to set up the printer, load ink cartridges, and load media rolls.

Printing:

1. Access the printer controls using the 4.3″ touchscreen panel on the front.
2. Select your print settings, media type, and size using the touchscreen interface.
3. Send your print job from a connected computer or USB drive.
4. Monitor the printing process and collect your prints once completed.

Maintenance:

1. Perform routine maintenance tasks as prompted by the printer, such as printhead cleaning.

2. Check ink levels regularly and replace cartridges or refill ink packs when necessary.
3. Keep the printer clean by wiping surfaces with a soft, lint-free cloth.

FAQ:

- **Q: How do I change the ink cartridges?**

  A: To change ink cartridges, access the ink compartment from the front of the printer, remove the empty cartridge, and insert a new one following the on-screen prompts.
- **Q: Can I use third-party ink cartridges with the SureColor T-Series printers?**

  A: It is recommended to use genuine Epson ink cartridges to ensure optimal print quality and printer performance.
- **Q: How do I troubleshoot if my prints are coming out with streaks or lines?**

  A: Perform a nozzle check and printhead cleaning through the printer's maintenance menu. If issues persist, contact Epson customer support for further assistance.

SureColor® T-Series

Product Line Overview

Enhance the Way You Work with the SureColor T-Series

Engineered to enhance the way you work, the SureColor T-Series offers fast, precise and consistent printing solutions for technical and creative professionals. Featuring revolutionary PrecisionCore® printhead technology, these printers deliver exceptional-quality images at ultra fast speeds. Versatile, powerful and compact, SureColor T-Series printers fit into virtually any workflow and perform a wide variety of tasks with ease, ranging from CAD printing and reprographics to poster and signage production. Read on to learn more about the different capabilities of SureColor T-Series printers, designed to suit your business type and needs:

- High-Speed Production
- Midsize-Office and Workgroup
- Home and Small-Office

Enhance the Way You Work with the SureColor T-Series
Engineered to enhance the way you work, the SureColor T-Series offers fast, precise and consistent printing solutions for technical and creative professionals. Featuring revolutionary PrecisionCore® printhead technology, these printers deliver exceptional-quality images at ultra fast speeds.
Versatile, powerful and compact, SureColor T-Series printers fit into virtually any workflow and perform a wide variety of tasks with ease, ranging from CAD printing and reprographics to poster and signage production. Read on to learn more about the different capabilities of SureColor T-Series printers, designed to suit your business type and needs:

- High-Speed Production
- Midsize-Office and Workgroup
- Home and Small-Office

High-Speed Production Printers
A1/D-size prints in as little as 16 seconds1
Introducing Epson's SureColor T-Series high-speed production printers, built on the revolutionary Epson® Hero Platform. Purpose-built for applications ranging from posters and POP displays to CAD and technical drawings, they combine incredibly fast print speeds with rich, vivid colors and brilliant image quality to give you power and performance with a low total cost of ownership.

- Sleek and compact with full front operation
- Powered by PrecisionCore printhead technology
- Innovative UltraChrome® XD3 six-ink set with dedicated Red Ink

Groundbreaking Design
Compact size with unique design that includes a flat top and back as well as full front operation.

Easy Setup and Operation
No assembly or stand required—
be up and printing in as little as
30 minutes.

Simple 4.3" Touchscreen
Configurable control panel for
easy operation and automated
routine maintenance.

Seamless Dual-Roll Productivity
Accommodate two media types or sizes,
or use the second roll as a take-up reel
for roll-to-roll production.

- **UltraChrome XD3 Ink with Red**

  Six-color pigment-based ink set produces crisp lines and stunning colors. Red Ink expands the color gamut, adding high color saturation—allowing for accurate and vibrant hues.

- **Built-In Adobe® Embedded**

  Print Engine Natively process complicated PDF files and reproduce transparent design layers reliably at high speeds.

- **Information Technology and Security Features**

  Over 28 features include security standards and data protection. An optional IC card reader (sold separately) can be configured for additional access control.

Boost Productivity While Maximizing Your Workspace
SureColor T-Series high-speed production printers are built on the award-winning Epson Hero Platform, engineered to deliver new levels of performance, quality and reliability—in a sleek design with the smallest footprint in their class2.

Unique Flattop Design
Use as a workspace during production runs.

Slim Design
A depth of 19.8" allows for installation in a variety of locations.

Full Front Operation
With all controls located on the front side, print without disruption from virtually anywhere in the workspace—even when the printer is pushed against the wall.

Next-Generation Printhead and Ink Technology
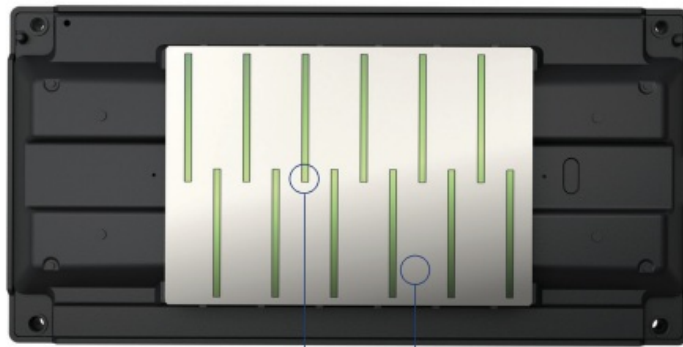
Powered by PrecisionCore

PrecisionCore is advanced printing technology engineered by Epson to power some of the world's top-performing printers. This disruptively simple, smart and clean solution delivers outstanding quality at high speeds with low waste, across a wide range of applications.

PRECISIONCORE

2.64" PrecisionCore Micro TFP® Printhead
Over twice the size of the previous-generation printhead, delivering incredible speeds.

Low Maintenance
Printhead is designed to last the life of the printer. Nozzle Verification Technology automatically detects nozzle condition and adjusts if the printhead is clogged.

Precise and Accurate Ink Drop Control
Capable of high-resolution printing up to 2400 dpi, with a variable droplet size as small as 3.5 picoliters; provides outstanding clarity and sharpness, smooth gradations and fine image details for consistent results.

UltraChrome XD3 Pigment Inks

This 6-color pigment-based ink set includes gamut-expanding Red Ink and delivers vibrant colors. Water-, smudge- and fade-resistant, these inks produce durable and long-lasting prints that stand up to harsh technical conditions. Inks are available in high-capacity ink cartridges—ranging from 110 mL up to 700 mL—or in 1.6 L ink packs, reducing the need for frequent replacement.
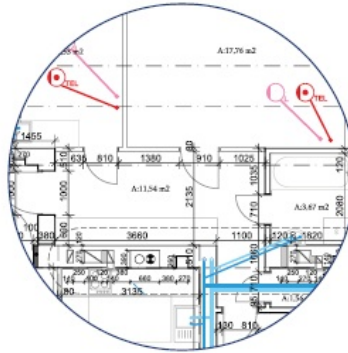

- **6-Color High-Capacity Ink Cartridges**

  Varied color set for a wide color gamut. Multiple sizes available (110 mL, 350 mL and 700 mL)—adjust your supply to fit your needs.

- **Optimized for Precision and Detail**

  Formulated to produce precise, accurate lines and fine details; ideal for engineering and scientific applications.

- **1.6 L Ink Packs (SureColor T7770DL Only)**

  Bulk ink pack system provides more than twice the ink capacity of previous generation printers.

State-of-the-Art Media Handling

SureColor T-Series production printers can work on a wide range of media, including glossy, technical, bond and matte media rolls and sheets; 2″ or 3″ core media; and rigid posterboard up to 1.5 mm thick. And with seamless dual-roll productivity, they can either accommodate two media types or sizes or use the second roll as a take-up reel for roll-to-roll production. These printers feature simple automatic roll loading, roll media identification, length tracking and a replaceable automatic rotary cutter for finished prints right out of the printer. In addition, they can produce BorderFree® prints for media widths ranging from 10″ to 44″†.

Retractable Print Basket
Retracts into the printer when not in use, creating a slim profile.

Take-Up Reel or Dual-Roll Mode
Use the top roll as an integrated take-up reel for roll-to-roll production, or use both rolls to accommodate different media types or sizes.

BorderFree Printing†
Print edge-to-edge, automatic top and bottom trimming, for a true borderless print.

- **Prints on Rigid Posterboard**

  Instead of mounting, print directly on rigid posterboard up to 1.5 mm thick for instant-dry boards that are ready to use, helping to save time on labor.

- **Dual Rolls and Auto Switching**

  Dual-roll system can accommodate two different media types or sizes.

- **Fully Automatic Roll Loading**

  For easy loading of various media types, making printer operation a breeze.

High-Speed Printing and Copying with an Integrated Scanner
Delivering a first-of-their-kind design that redefines innovation, speed and versatility, Epson brings you the SureColor T-Series class of all-in-one multifunction printers that require no additional space. These printers feature an integrated scanner that enables both high-speed scanning and copying for documents up to 36″ wide. What's more, there is no additional footprint compared to their single-function counterparts.

These printers deliver fast scans at up to 10″ per second (black-and-white)3 and detailed A1/D-size copies in less

than 60 seconds4, and feature integrated wireless connectivity as well as mobile printing and scanning using the Epson Smart Panel®5 app. Add it all up, and the SureColor T-Series Multifunction Class is the new benchmark in high-speed CAD and graphics.

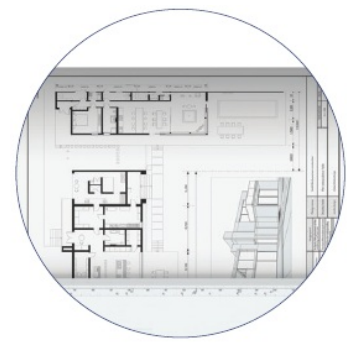- **Versatile Workflow Options**

  Scan to multiple locations, including USB, mobile devices, PCs, network folders and more

- **Mobile Scanning**

  Scan, preview and edit with your mobile device using the Epson Smart Panel5 app.

- **Exceptionally Clear Scans**

  Dual light source reduces the appearance of wrinkles in scanned documents.

Midsize-Office and Workgroup Printers

Revolutionize workgroup productivity with SureColor T-Series midsize-office and workgroup printers. Made for collaborative workspaces and midrange print volumes, these printers offer powerful, precise printing within a compact, robust design. In addition, the SureColor T5470M features an integrated scanner for high-speed scanning and copying of wide-format documents.

Ideal for blueprints, line drawings and posters 24″ or 36″ in width, these printers deliver accurate A1/D-size prints in as little as 22 seconds1. And with high-capacity UltraChrome XD2 pigment inks, you'll get durable and vibrant prints while cutting down on cartridge replacements.

SureColor T-Series midsize-office and workgroup printers feature a 4.3″ LCD color touchscreen as well as advanced network security and encryption designed to safeguard sensitive information. You can print from virtually anywhere in the office using your mobile device6 with integrated wireless or Wi-Fi Direct®7 connectivity, or print without the need for a PC using the printer's USB port.

Compact Size
Robust and slim design helps maximize office space.

Integrated Scanner
The SureColor T5470M includes an integrated 36" wide scanner to scan, copy and share business documents, blueprints, plans and more.

Powerful Printing
Produce accurate A1/D-size prints in as little as 22 seconds¹.

- **UltraChrome XD2 Ink**

  Four-color archival pigment inks deliver durable, vibrant prints with brilliant colors and crisp lines that are smudge-, fade- and water-resistant.

- **High-Capacity Inks**

  Large-capacity ink cartridges deliver a wide color gamut. Multiple sizes available, up to 700 mL‡—adjust your supply to fit your needs.

- **Versatile Connectivity**

  High-speed USB, Ethernet, Wi-Fi® / Wi-Fi Direct7 and LAN connectivity options fit into virtually any workflow.

Home and Small-Office Printers

Sleek and compact in design, the SureColor T-Series class of home and small-office printers is made for small spaces and desktops. Ideal for producing blueprints, line drawings and posters 24″ or 36″ in width, these printers deliver output with crisp lines and outstanding clarity.

Easy to set up and operate, SureColor T-Series home and small-office printers offer a variety of convenient features, including a large 4.3″ color touchscreen that makes operation simple and intuitive. Engineered for productivity, this printer class delivers A1/D-size prints in as little as 31 seconds1 and supports a variety of media rolls, as well as sheets up to 11″ x 17″ through an auto sheet feeder. These printers come with integrated wireless

and Wi-Fi Direct connectivity7, so you can easily print from your mobile device6 from virtually anywhere in your home or office.

Compact Size
Robust and slim design helps maximize office space.

Print A1 and D-Size Plots Quickly
PrecisionCore printhead produces remarkable A1/D-size prints in as little as 31 seconds[1].

Integrated Scanner
The SureColor T3170M and T5170M include an integrated scanner— scan, copy and share technical documents, blueprints, plans and more.

Printer Stand
Included with T5170 and T5170M; optional for T2170, T3170, T3170M and T3170x.

- **Cartridge-Free Printing (T3170x Only)**

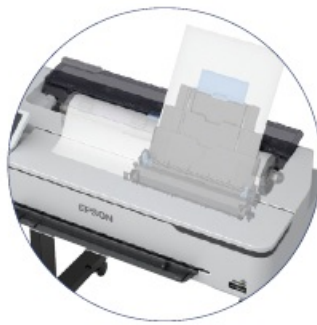 High-capacity, refillable ink tanks eliminate time spent on purchasing and changing ink cartridges.

- **Flexible Media Handling**

  Accommodates rolls up to 36″ wide and sheets up to 11″ x 17″ through an auto sheet feeder.

- **Easy to Operate**

  Large, intuitive 4.3″ LCD color touchscreen simplifies print tasks.

High-Speed Production

Multifunction CAD and Graphics

Model	SureColor T3770E*	SureColor T3770DE*	SureColor T3770DR*
Maximum Width	24"		
Number of Rolls	Single	Dual	Dual
Adobe Embedded Print Engine	N/A	N/A	Built-in
Printhead Technology	2.64" PrecisionCore Micro TFP		
Ink Type	UltraChrome XD3 pigment		
Color Model	6-color (C, M, Y, MK, PK, R)		
Ink Delivery	110 mL, 350 mL or 700 mL ink cartridges		
Maximum Resolution	2400 x 1200 dpi		
Connectivity	USB 3.0, Gigabit Ethernet, Wi-Fi⁷ 2.4 GHz/5 GHz, USB memory stick		
960GB Solid State HDD	Optional		
Limited Warranty	1-year limited warranty in the U.S. and Canada		
Epson Preferred℠ Plus Extended Service Plans⁸	Up to a total of 5 years of continuous coverage. To learn more about available extended service plans, contact your Epson authorized reseller—call 800-925-9587 or visit epson.com/esp today.		

Print Speeds¹	Based on 24" x 36"
Line Drawing	16 seconds
Graphics	Up to 32 pages per hour

High-Speed Production

CAD and Technical Graphics

Model	SureColor T5770DM*	SureColor T7770DM*
Maximum Width / Media Type(s)	36″ / Dual-roll and cut-sheet	44″ / Dual-roll and cut-sheet
Multifunction	Integrated scanner–scan and copy	
Printhead Technology	2.64″ PrecisionCore Micro TFP	
Ink Type	UltraChrome XD3 pigment	
Color Model	6-color (C, M, Y, MK, PK, R)	
Ink Delivery	110 mL, 350 mL or 700 mL ink cartridges	
Maximum Resolution	2400 x 1200 dpi	
Connectivity	USB 3.0, Gigabit Ethernet, Wi-Fi7 2.4 GHz/5 GHz, USB memory stick	
Adobe Embedded Print Engine	Built-in	
960GB Solid State HDD	Included	
Limited Warranty	1-year limited warranty in the U.S. and Canada	
Epson Preferred Plus Extended Service Plans8	Up to a total of 5 years of continuous coverage. To learn more about available extended service plans, contact your Epson authorized reseller—call **800-925-9587** or visit **epson.com/esp** today.	

Print Speeds1	Based on 24″ x 36″
Line Drawing	16 seconds
Graphics	Up to 32 pages per hour

Midsize-Office and Workgroup

Model	SureColor T3475*	SureColor T5475*	SureColor T5470M*
Maximum Width / Media Type(s)	24" / Single-roll or cut-sheet	36" / Single-roll or cut-sheet	36" / Single-roll or cut-sheet
Multifunction	N/A	N/A	Integrated 36" scanner
Printhead Technology	PrecisionCore Micro TFP		
Printer Stand	Included		
Ink Type	UltraChrome XD2 archival pigment		
Color Model	4-color (C, M, Y, K)		
Ink Delivery	110 mL, 350 mL or 700 mL ink cartridges	110 mL, 350 mL or 700 mL ink cartridges	110 mL or 350 mL ink cartridges
Maximum Resolution	2400 x 1200 dpi		
Connectivity	USB 3.0, Gigabit Ethernet, Wi-Fi⁷, Wi-Fi Direct⁷		
Limited Warranty	1-year limited warranty in the U.S. and Canada		
Epson Preferred Plus Extended Service Plans⁸	Up to a total of 5 years of continuous coverage. To learn more about available extended service plans, contact your Epson authorized reseller—call 800-925-9587 or visit epson.com/esp today.		
Print Speeds¹	Based on 24" x 36"		
Line Drawing	25 seconds	22 seconds	22 seconds
Graphics	1:15	1:09	1:09

Home and Small-Office

Model	SureColor T2170*	SureColor T3170*	SureColor T3170M*
Maximum Width / Media Type(s)	24" / Single-roll and cut-sheet	24" / Single-roll and cut-sheet	24" / Single-roll and cut-sheet
Printhead Technology	PrecisionCore Micro TFP		
Printer Stand	Optional		
Ink Type	UltraChrome XD2 archival pigment		
Color Model	4-color (C, M, Y, K)		
Ink Delivery	Ink cartridges—C, M, Y: 26 mL or 50 mL; K: 50 mL or 80 mL		
Maximum Resolution	2400 x 1200 dpi		
Connectivity	USB 3.0, Gigabit Ethernet, Wireless-N[7], Wi-Fi Direct[7]		
Multifunction	N/A	N/A	Integrated 24" scanner
Auto Sheet Feeder	50 sheets up to 11" x 17"		
Limited Warranty	1-year limited warranty in the U.S. and Canada		
Epson Preferred Plus Extended Service Plans[8]	Up to a total of 5 years of continuous coverage. To learn more about available extended service plans, contact your Epson authorized reseller—call 800-925-9587 or visit epson.com/esp today.		

Print Speeds[1]	Based on 24" x 36"		
Line Drawing	43 seconds	34 seconds	34 seconds

* SureColor T-Series printers are designed for use exclusively with Epson ink bottles, cartridges or packs (ink delivery varies by model). Other brands of ink and ink supplies are not compatible and, even if described as compatible, may not function properly or at all.

Home and Small-Office

Model	SureColor T3170x	SureColor T5170*	SureColor T5170M*
Maximum Width / Media Type(s)	24″ / Single-roll and cut-sheet	36″ / Single-roll and cut-sheet	36″ / Single-roll and cut-sheet
Printhead Technology	PrecisionCore Micro TFP		
Printer Stand	Optional	Included	Included
Ink Type	UltraChrome XD2 archival pigment		
Color Model	4-color (C, M, Y, K)		
Ink Delivery	140 mL ink bottles (2 sets of bottles included)	Ink cartridges—C, M, Y: 26 mL or 50 mL; K: 50 mL or 80 mL	Ink cartridges—C, M, Y: 26 mL or 50 mL; K: 50 mL or 80 mL
Maximum Resolution	2400 x 1200 dpi		
Connectivity	USB 3.0, Gigabit Ethernet, Wireless-N7, Wi-Fi Direct7		
Multifunction	N/A	N/A	Integrated 36″ scanner
Auto Sheet Feeder	50 sheets up to 11″ x 17″		
Limited Warranty	1-year limited warranty in the U.S. and Canada		
Epson Preferred Plus Extended Service Plans8	Up to a total of 5 years of continuous coverage. To learn more about available extended service plans, contact your Epson authorized reseller—call **800-925-9587** or visit **epson.com/esp** today.		

Print Speeds[1]	Based on 24" x 36"		
Line Drawing	34 seconds	31 seconds	31 seconds

Epson Cloud Solution

PORT
Take control of your printer fleet and achieve next-level productivity with the Epson Cloud Solution PORT®9—a breakthrough platform for easy remote monitoring9 of Epson professional printers. Designed with simplicity and security in mind, this free solution provides a live view of your printer fleet production, equipment utilization and service information to help optimize printer work and maximize operational efficiency. Monitor the number of jobs,

square footage printed, printer uptime and more from virtually anywhere using your own computer or smart device. Visit **epson.com/PORT** to learn more.

We've Got You Covered with World-Class Service and Support

Limited Warranty and Service
SureColor T-Series large-format printers come with a 1-year limited warranty in the United States and Canada with either Whole Unit Exchange10 or On-Site Repair11, depending on the model. Toll-free telephone support is available Monday through Friday.

Epson Preferred Plus Extended Service Plans8
Help enhance productivity and peace of mind by extending product protection beyond the limited warranty for up to a total of 5 years of continuous coverage. Maximize savings when you purchase your extended service plans with your hardware—save up to 40 percent on the longest-length plans12. With a full portfolio of extended service plans, Epson's got you covered.

Visit epson.com/esp to learn more.
Learn more about the SureColor T-Series.

* SureColor T-Series printers are designed for use exclusively with Epson ink bottles, cartridges or packs (ink delivery varies by model). Other brands of ink and ink supplies are not compatible and, even if described as compatible, may not function properly or at all.

1. Print speeds are based on the print engine speed only. Total throughput time for any print depends on various

factors including workstation configuration, file size, print resolution, ink coverage and networking. Actual print speeds will vary.

2. Compared to similarly featured CAD/Technical printers priced at $10,000 MSRP (USD) or less based on manufacturers' published specifications and industry available data as of June 2023.
3. Based on scans at 200 dpi in Black-and-White or Color Mode.
4. Based on Epson internal testing from pressing the "Copy" start button through the end of the copy, print and cut. Total throughput time for any copy depends on various factors including workstation configuration, file size, print resolution, ink coverage and networking. Actual print speeds will vary.
5. Requires Epson Smart Panel app download. Data usage fees may apply.
6. Most features require an Internet connection to the printer, as well as an Internet- and/or email-enabled device. For a list of Epson Connect™ enabled printers and compatible devices and apps, visit **www.epson.com/connect**
7. Wi-Fi CERTIFIED™; level of performance subject to the range of the router being used. Wi-Fi Direct may require printer software.
8. Product comes with a 1-year limited warranty with the option to purchase extended service plans up to a total of 5 years of continuous coverage. See individual service plan for details.
9. All features of this system require an active Internet connection and the use of a supported browser.
10. Expedited shipping not available in all areas. Orders must be placed and processed by 1 p.m. Pacific Time for Next-Business-Day delivery. See limited warranty or extended service plan for details.
11. Geographic limitations may apply. Service request must be received and processed by 1 p.m. Pacific Time, Monday through Friday, excluding holidays. See limited warranty or extended service plan for details.
12. Savings based on purchasing extended service plans with hardware versus purchasing stackable 1-year service plans at a later date for the equivalent duration.

- Epson America, Inc. 3131 Katella Ave., Los Alamitos, CA 90720
- Epson Canada Limited 185 Renfrew Drive, Markham, Ontario L3R 6G3
- Please visit us at **proimaging.epson.com**

Documents / Resources

EPSON T Series Sure Color Graphic Plotter Printers [pdf] User Guide
T Series Sure Color Graphic Plotter Printers, T Series, Sure Color Graphic Plotter Printers, Color Graphic Plotter Printers, Graphic Plotter Printers, Plotter Printers, Printers

References

- **E** **Cloud Solution PORT Remote Monitoring System | Epson US**
- **E** **Mobile Printing and Scanning Solutions | Epson US**
- **User Manual**