EPSON
EXCEED YOUR VISION

SPECIFICATION SHEET

SureColor® T7770D 44-Inch Large Format Dual Roll CAD/Technical Printer

SureColor T-Series

44" wide, 6-color

PRECISIONCORE HEAT•FREE

Beyond Brilliant.

Incredible performance without compromise — crisp, detailed, colorful prints with industry-leading 2.6-inch PrecisionCore® printhead technology, delivers fastest in class print speeds[1]. Plus it prints posters and POP displays at speeds over 300 sqft/hr and CAD and technical drawings at production-class speeds over 1,400 sqft/hr[2].

Innovative design fits any workflow — up to 25 percent smaller than competitors[3] with a unique flattop design and complete front operation

Unparalleled image quality and precise line detail — vivid UltraChrome XD3 Ink with a new Red ink produces crisp lines and vibrant colors for graphics, signage, blueprints, documents and more

Print on a wide range of media for various applications — print on a variety of media, including glossy, technical, bond, matte and specialty medias, and rigid poster board up to 1.5 mm thick

Fast processing with Adobe Embedded Print Engine — print PDFs with up to 3x faster processing of complicated data than previous generations and accurate printing of transparent layers

Seamless, dual-roll productivity — accommodates two media types or sizes; or use second roll as a take-up reel for roll-to-roll production

Easy setup and operation — fast, easy setup with minimal assembly required, plus 4.3" touch screen control panel, automated routine maintenance and user self-service for convenient operation

Versatile connectivity — High-Speed USB 3.0, Gigabit Ethernet or Wi-Fi® connectivity (2.4 GHz and 5 GHz) options to fit virtually any production workflow

Enhanced IT and security features — over 28 IT security features for office or remote office locations, including IC card option for user control and tracking, SSD Encryption and IEEE 802.1x

Maximize productivity with included Epson® Software Suite and Epson Cloud Solution PORT — remotely manage and monitor your printer fleet from convenience of your laptop or smart device

*Designed for use exclusively with Epson® cartridges**

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Print

Printing Technology PrecisionCore MicroTFP 6-channel drop on demand
Ink Type UltraChrome XD3 pigment ink; 6-color with Red (Cyan, Magenta, Yellow, Red, Matte Black, Photo Black)
Nozzle Configuration 9600 nozzles (1600 x 6 channels)
Droplet Technology
Smallest Droplet Size: 3.5 picoliters; Variable Droplet Technology can produce up to three different sizes per nozzle
Maximum Resolution: 2400 x 1200 dpi
Real-Time Black Ink Selection: Dedicate Photo and Matte Black Ink Channels selected automatically based on media type
Print Speed[1]
CAD (B0 Size Plain Paper): Over 1400 sq ft/hr
A1 / D Size (Plain Paper): 16 sec
Poster (Glossy): Over 300 sq ft/hr
Printer Language/Drivers
Epson Professional Print Drivers (Included)ESC/P raster, HP-GL/2*, HP RTL*, Adobe PostScript 3, Adobe PDF 1.7
Adobe Embedded Print Engine (Included)
Memory (Built-In)
4 GB

Epson Intelligent Ink Cartridges[4]

In-box Cartridge Fill Volume
Colors (C, M, Y, R) 240 mL Each
Black (MK, PK) 240 mL Each
Retail Cartridge Fill Volume
Colors (C, M, Y, K, R) 110 mL, 350 mL, or 700 mL
Black (MK, PK) 110 mL, 350 mL, or 700 mL
Ink Cartridge Shelf Life 2 years from printed production date or 6 months after opened
Printer is designed for use with Epson cartridges only, not third-party cartridges or ink.*

Roll Media Handling

Number of Input Rolls 2 (Input Roll #1 can be used optionally as a take-up reel)
Take-up Reel: Included
Take-up Reel Configuration: Roll Print-side in or Print-side out (Selectable)
Minimum Roll Width minimum 10"
Maximum Roll Width up to 44"
2" or 3" Core Diameter User-adjustable roll media spindles
Roll Cutting[5] High-speed internal rotary cutter; auto or manual (replaceable)
Maximum Roll Diameter Up to 6.69"
Maximum Roll Weight 27 lbs
Roll Media Thickness 0.07mm to 0.8 mm
Roll Paper Remaining Printable barcode tracking - the amount of remaining paper can be controlled and monitored automatically from the control panel.

Sheet Media Handling

Single Sheet, Front or Rear Loading up to 44" wide
Minimum Sheet Width 8"
Minimum Sheet Length 8"
Sheet Media Max Thickness up to 1.5mm (Rigid Posterboard)

Printable Area and Accuracy

Line Accuracy ±0.1% or ±0.26 mm (whichever is greater)
Margin:
Left/Right: 3 mm per side (Standard), or 0 mm at BorderFree widths
Top/Bottom:
Roll Paper: Min 3 mm top/ bottom,
Cut Sheet: Min 3 top and 12.7 mm bottom
BorderFree Sizes 10", 13", 16", 17", 20", 24", 36", or 44" wide
Maximum Printable Length[6] 298 feet
Minimum Line Width 0.08 mm

Interfaces

Articulating LCD Display: 4.3" Touchscreen
USB Expansion Port: Optional RFID Card Reader

Printer Interfaces

SuperSpeed USB 3.0, 100BASE-TX /1000BASE-T/IEEE802.11b/g/n/ac, USB memory stick*, 960 GB (SSD) Optional

Operating Systems Supported[7]

Mac OS X 10.6.8 or later, macOS 11 or later
Windows® 10, Windows® 8.1, Windows® 8, Windows® 7, Windows® Vista, Windows® XP(32bit/64bit), Windows® Server 2019/2016/2012 R2/2012/2008 R2/2008/2003 R2/2003 SP2 or later

General

Dimensions (W x D x H) 73" X 20" X 39" (Storage and Operating)
Dimensions (W x D x H) 73" X 32" X 39" (Paper Basket Extended)
Acoustic Noise Level
Operating: 49.6 db(A)
Sleep: 6.6 db(A)
Temperature
Operating: 50 ˚ to 95 ˚F (10 ˚ to 35 ˚C)
Storage: -4 ˚ to 104 ˚F (-20 ˚ to 40 ˚C)
Relative Humidity
Operating: 20–80% (no condensation)
Storage: 5–85% (no condensation)
Safety Standards
USA and Canada (NRTL Certified, CSA/UL 62368-1).
Compliant with FCC Class B Requirements.
Electrical Requirements
Voltage: AC 110–240 V
Frequency: 50–60 Hz
Current: 3.4 A
Power Consumption
Printing: Approx. 70 W
Ready: Approx. 32 W
Sleep: 2 W
Power Off (Stand By): 0.3 W
Limited Warranty and Service Standard 1-year usually next-business day on-site repair with included phone support Monday through Friday
Country of Origin Indonesia

What's in the Box

SureColor T7770D Printer, Full Set of Initial Ink Cartridges (240 mL C, M, Y, MK, PK, R), Maintenance Box (Pre-Installed), Borderless Maintenance Box, Two Roll Media Adapters (Pre-Installed), Start Here Poster, AC Power Cable, Note: Media is not included with the printer

Available Software

Software and Firmware Updaters, EpsonNet Setup, EpsonNet Print, Windows and Mac Print Drivers, LFP Accounting Tool, Epson Cloud Solution PORT, Epson Edge Dashboard, Epson Media Installer, Epson Device Admin, Epson Print Admin, EpsonNet Config SE, EPSON manuals

Eco Features

ENERGY STAR® qualified
RoHS compliant
Recyclable product[8]
Epson America, Inc. is a SmartWay® Transport Partner[9]

Ordering Information

SureColor T7770D	SCT7770DR
Replacement Printer Cutter Blade	C13S210117
Additional Roll Feed Spindle (44")	C12C936171
Maintenance Box	C13S210115
Borderless Maintenance Box	C13S210116
Cleaning Stick	C13S090013
960 GB SSD Memory Unit	C12C936671
Production Stacker (44"-wide)	C12C937131

UltraChrome XD3 Ink (110 mL)

Cyan Ink Cartridge	T51A220
Magenta Ink Cartridge	T51A320
Yellow Ink Cartridge	T51A420
Matte Black Ink Cartridge	T51A820
Photo Black Ink Cartridge	T51A120
Red Ink Cartridge	T51AF20

UltraChrome XD3 Ink (350 mL)

Cyan Ink Cartridge	T50S220
Magenta Ink Cartridge	T50S320
Yellow Ink Cartridge	T50S420
Matte Black Ink Cartridge	T50S820
Photo Black Ink Cartridge	T50S120
Red Ink Cartridge	T50SF20

UltraChrome XD3 Ink (700 mL)

Cyan Ink Cartridge	T50L220
Magenta Ink Cartridge	T50L320
Yellow Ink Cartridge	T50L420
Matte Black Ink Cartridge	T50L820
Photo Black Ink Cartridge	T50L120
Red Ink Cartridge	T50LF20

Extended Service Plans

Additional 1-year Epson Preferred Plus Service (Stackable up to 4 additional years)	EPPT7770DS1

* This printer is designed for use with Epson genuine cartridges and ink only, not third-party cartridges or ink. For more information, see www.epson.com/wideformatink

1 Compared to similarly featured CAD/Technical printers, A1/D sized prints, in fastest printing mode, priced at $10,000 MSRP (USD) or less based on manufactures' published specifications and industry available as of May 2021. Actual print times with vary. 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. | **2** Actual print times with vary. 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. | **3** Compared to similarly featured CAD/Technical printers priced at $10,000 MSRP (USD) or less based on manufacturers' published specifications and industry available as of May 2021 | **4** Cartridge yields vary considerably based on images printed, print settings, paper type, frequency of use and temperature. For print quality, a variable amount of ink remains in the cartridge after the "replace cartridge" indicator comes on. The printer ships with full set of initial cartridges (CMY – 26 mL/Black – 50 mL) and part of the ink from the first cartridges is used for priming the printer. | **5** High-volume cutting of canvas and heavy media stocks may require frequent cutter replacement. | **6** Allowed by printer driver for Mac and PC. Application, version of application and operating system version may limit maximum length. | **7** For the latest drivers, visit www.epson.com/support | **8** For convenient and reasonable recycling options, visit www.epson.com/recycle | **9** SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

See the latest innovations from Epson Business Solutions at **www.epson.com/forbusiness**

Better Products for a Better Future™
eco.epson.com

SmartWay Transport Partner
Getting There With Cleaner Air

ENERGY STAR

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