

SureColor® T7770DM

44-Inch Large-Format
Multifunction CAD/Technical Printer

Print | Copy | Scan

A1/D-size prints in as fast
as 16 seconds¹



**This design changes
everything.**



Incredible speed and performance — delivers crisp, detailed, colorful prints using a reliable 2.64" PrecisionCore® MicroTFP printhead, producing remarkable A1/D-size prints in as fast as 16 seconds¹

Innovative design fits almost any workflow — unique flattop design with complete front operation, simple automatic roll loading and dual roll/take-up reel integrated

Compact design with integrated 36" wide dual-light scanner — scan and copy documents up to 36" wide with no additional footprint vs. single-function T7770 Series printers; dual light source reduces the appearance of wrinkles

Versatile high-speed scanning options — scan files to USB, mobile devices, PCs, network folders and more at speeds up to 10 ips (black-and-white) and 4.5 ips (color)²; file formats include PDF, JPEG and TIFF; line drawing, blueprint and rendering enhancement predefined modes available based on image type

Stunning image quality and precise line detail — vivid UltraChrome® XD3 Ink with 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 media, and rigid posterboard up to 1.5 mm thick

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

Easy to use and maintain — configurable 4.3" touchscreen control panel for simple operation, automated routine maintenance and convenient user self-service for long-term operation

Designed for use exclusively with Epson® ink cartridges.*

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 9,600 nozzles (1,600 x 6 channels)

Droplet Technology

Smallest Droplet Size: 3.5 picoliters; Variable Droplet Technology can produce up to 3 different sizes per nozzle

Maximum Resolution 2400 x 1200 dpi

Real-Time Black Ink Selection Dedicated Photo and Matte Black Ink channels selected automatically based on media type

Print Speed¹

A1/D-Size (Plain Paper): 16 sec

A0-Size (Plain Paper): 32 sec (Speed Mode)

A0-Size (Glossy): 108 sec (Speed Mode)

Printer Language/Drivers

Epson Professional Print Drivers (included), Epson ESC/P® raster, Adobe® PostScript 3™, Adobe PDF 1.7, Adobe Embedded Print Engine (included)

Memory (Built-In): 6GB Printer + 3GB Scanner

Ink²

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

Printer is designed for use with Epson cartridges only, not third-party cartridges or ink*.

Copy

Maximum Copies Up to 99

Reduction/Enlargement 25% – 755%

Scan

Scanner Type RGB Color Filter CIS

Scan/Copy Resolution Up to 600 dpi, reprint 2400 x 2100 dpi

Scan Speed²

Up to 4.5 ips (color)

Up to 10 ips (monochrome)

Maximum Scan Width Up to 36"

Maximum Scan Length Up to 120" (300 dpi)

Scan Media Type Plain Paper, Recycled Paper, Coated Paper, Glossy Paper, Tracing Paper, Film, Blueprint, Offset Printing Paper, Newspaper, Flyer, Drafting Paper, Carrier Sheet

Maximum Copies Up to 99

Reduction/Enlargement 25% – 755%

File Type Support JPEG, PDF (Single Page), PDF (Multi-Page), PDF/A, Encrypted PDF, TIFF

Printer Interfaces

SuperSpeed USB 3.0, 100Base-TX/1000Base-T, IEEE 802.11 b/g/n/ac, USB memory stick, 960GB (SSD), Adobe Embedded Print Engine, Articulating LCD Display, 4.3" touchscreen and Optional RFID card reader (USB Expansion Port)

Connectivity

Standard Connectivity SuperSpeed USB 3.0, Gigabit Ethernet and Wi-Fi® connectivity (2.4 GHz and 5 GHz)

Operating Systems Supported⁴

Mac® OS X® 10.9.5 or later, macOS® 11 or later

Windows® 10, Windows 8.1, Windows 8, Windows 7, Windows Vista®, Windows XP® (32-bit/64-bit), Windows Server® 2019/2016/2012 R2/2012/2008 R2/2008/2003 R2/2003 SP2 or later

Paper Handling

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 Cutting⁵: High-speed internal rotary cutter; auto or manual (replaceable)

Maximum Roll Diameter: Up to 6.69"

Maximum Roll Weight: 27 lb

Roll Media Thickness: 0.07 mm 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 Maximum Thickness: Up to 1.5 mm

Posterboard: 0.8 mm – 1.5 mm (rigid posterboard only)

Printable Area and Accuracy

Line Accuracy: ±0.1% or ±0.26 mm (whichever is greater)⁶

Margins:

Left/Right: 3 mm per side (standard) or 0 mm at BorderFree® widths

Top/Bottom:

Roll Paper: Minimum 3 mm top and 3 mm bottom

Cut Sheet: Minimum 3 mm top and 12.7 mm bottom

BorderFree Sizes: 10", 13", 16", 17", 20", 24", 36" and 44" wide

Maximum Printable Length⁷: Up to 298 ft

Minimum Line Width: 0.08 mm

General

Temperature

Operating: 50 °F to 95 °F (10 °C to 35 °C)

Storage: -4 °F to 104 °F (-20 °C to 40 °C)

Relative Humidity

Operating: 20% – 80% (no condensation)

Storage: 5% – 85% (no condensation)

Acoustic Noise Level

Operating: 49.6 dBA

Sleep: 6.6 dBA

Power Requirements

Voltage: AC 110 V – 240 V

Frequency: 50 Hz – 60 Hz

Current: 3.4 A

Power Consumption

Printing: Approx. 90 W

Ready: Approx. 44 W

Sleep: 2 W

Power Off (Standby): 0.3 W

Safety Approvals

USA and Canada (NRTL Certified, CSA/UL 62368-1)

Compliant with FCC Class B Requirements

General (continued)

Dimensions (W x D x H)

73" x 20" x 39" (storage and operating)

73" x 33" x 39" (paper basket extended)

Weight: 366 lb

Country of Origin Indonesia

What's Included

SureColor T7770DM Printer, Full Set of Initial Ink Cartridges (240 mL each: 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.

Software Available EpsonNet Setup, Software and Firmware Updaters, 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, Epson ESC/P, Adobe PostScript 3, Adobe PDF 1.7

Limited Warranty and Service

Standard 1-year limited warranty with usually next-business-day on-site repair and phone support Monday through Friday

Epson PreferredSM Plus Extended Service Plans⁹

1-Year Next-Business-Day On-Site Repair	EPPT77700DMS1
2-Year Next-Business-Day On-Site Repair	EPPT77700DMS2
4-Year Next-Business-Day On-Site Repair	EPPT77700DMS4
(Available for up to a total of 5 years of continuous coverage) ^{9,10}	

Eco Features

ENERGY STAR® qualified

RoHS compliant

End-of-life options available¹¹

Epson America, Inc. is a SmartWay® Transport Partner¹²

Ordering Information

SureColor T7770DM	SCT7770DM
Replacement Printer Cutter Blade	C13S210117
Additional Roll Feed Spindle (44")	C12C936171
Maintenance Box	C13S210115
Borderless Maintenance Box	C13S210116
Cleaning Stick	C13S090013
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

* This product uses only genuine Epson-brand cartridges. Other brands of ink cartridges 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 Based on scans at 200 dpi in Black-and-White or Color Mode. ³ 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 a full set of initial cartridges, and part of the ink from the first cartridges is used for priming the printer. ⁴ For the latest drivers, visit www.epson.com/support. ⁵ High-volume cutting of canvas and heavy media stocks may require frequent cutter replacement. ⁶ At 23 °C (73 °F), 50% relative humidity, single-weight matte paper, CAD/Line Drawing, Max. Quality, High Speed = On. ⁷ Allowed by printer driver for Mac, PC, and RIP used. Application, version of application, operating system, and operating system version may limit maximum length. ⁸ All features of this system require an active Internet connection and the use of a supported browser. ⁹ See individual service plan for details. ¹⁰ 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. Extended Service Plan can be purchased at any time that you are covered under an Epson limited warranty or Epson Extended Service Plan. ¹¹ For convenient and reasonable recycling options, visit www.epson.com/recycle. ¹² SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.

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