SureColor® T7730DM

44-Inch Large-Format Multifunction CAD/Technical Printer

Print | Copy | Scan

A1/D-size prints in as fast as 16 seconds[1]

This design changes everything.

PRECISIONCORE
PRINTHEAD

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 seconds[1]

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 T7730 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 Speed[1]
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

Ink[3]

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): 350 mL or 700 mL
Black (MK, PK): 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 Speed[2]
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 Supported[4]

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 Cutting[5]: 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 Length[7]: 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 T7730DM 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[8], 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 on site

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* 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.

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