

Epson Stylus Pro 11880 Print Engine Specifications

Printing Technology

Advanced MicroPiezo TFP print head
with ink-repelling coating technology
9-channel, drop-on-demand, thin film piezo ink jet
9-cartridge (C, LC, VM, VLM, Y, LK, LLK, PK and MK)

Auto Black Ink Mode Switching – real-time switch; no ink waste
Auto Head Alignment technology
Auto Nozzle Verification and Cleaning technology

Epson UltraChrome K3 with Vivid Magenta Ink technology
Professional-level, pigment-based ink technology

Nozzle Configuration

Color and Monochrome 360 nozzles x 9

Droplet Technology

Smallest droplet size 3.5 picoliters
Variable Droplet Technology can produce up to three
different droplet sizes per print line

Resolution

2880 x 1440 dpi; 1440 x 720 dpi; 720 x 720 dpi;
720 x 360 dpi; 360 x 360 dpi; 360 x 180 dpi

Print Engine Speed^A

16" x 20" prints from 0:50 to 7:39 – Standard is 3:09
20" x 30" prints from 1:24 to 13:24 – Standard is 6:19
40" x 60" prints from 4:08 to 42:10 – Standard is 19:45

Acoustic Noise Level

Approximately 53 dB(A) according to ISO 7779

Printer Language/Drivers

Epson ESC/P[®]3 raster photographic drivers standard

Supported by most leading third-party RIPs and workflows

Operating Systems Supported

Macintosh Leopard 10.5 or higher (16-bit file support)
Windows XP/Vista/7 (both x32 and x64 supported)

Printer Interfaces

Includes as standard one Hi-Speed USB 2.0 (1.1 compatible)
and one Gigabit Ethernet port (10/100/1000Base-T)

Dimensions

92" (W) x 28" (D) x 46" (H)
Printer weight: 384 lb
Dimensions and weight include printer stand

BorderFree[®] Printing

Complete borderless printing on the following roll media sizes:
10", 13", 16", 17", 24", 36", 44", 50", 54"

Top and bottom edges can be automatically cut to any length
when printing on roll media

Printable Area

Maximum paper width 64"
Left and right margins 0 or 3 mm each (0.24" total)
Maximum printable width 63.75"
Maximum printable length Limited by application, OS and
driver/RIP used

Media Handling

Media input Single roll-to-roll up to 64" wide
Cut-sheet size Letter up to 64" wide
Media core compatibility Handles both 2" and 3" cored media
Max. roll media diameter 4" (2" core) or 6" (3" core)
Weight 12 lb bond up to 1.5 mm
posterboard
Built-in media cutter Automatic and manual cutting
Printer cutter blade life ~2,000 cuts (coated media)
Roll media take-up reel Auto forward and backward;
light-based media tension sensor
Auto bar-coding system
Roll media tracking system

Epson Intelligent Pressurized Ink Cartridges[®]

Cartridge fill volume 700 ml each color x 9 colors total
Ink cartridge shelf life 2 years from printed production
(recommended) date or 6 months after open
Ink activity lights 9 individual amber LEDs

Line Accuracy

+ or - 0.2% of specified page length

Print Permanence^C

Epson UltraChrome K3 Ink Color: Up to 200 years
B&W: Over 200 years

Environmental Characteristics

Temperature
Operating 50 ° to 95 °F (10 ° to 35 °C)
Storage -4 ° to 104 °F (-20 ° to 40 °C)
Relative humidity
Operating 20 to 80%
Recommended storage 40 to 50%
5 to 85% (no condensation)

Safety Approval

Safety standards FCC Part 15 Subpart B Class A
EMI CAN/CSA –CEI/IEC CISPR 22
AS/NZS CISPR 22 Class A

Electrical Requirements

Voltage AC 110 – 120 V
Frequency 50 – 60 Hz
Current 1.0 A/110 – 120 V
Power consumption
Operating Approx. 55 W or less
Standby Less than 5 W
Power Off Less than 1 W

Product/Accessories

Product/Accessories	Part Numbers
Epson Stylus Pro 11880 Printer	SP11880K3
Additional One-year Epson Preferred Plus service	EPP1188B1
Additional Two-year Epson Preferred Plus service	EPP1188B2
Retractable Fabric-based Media Bin	C12C890401
Additional 64"-wide Media Take-up Core - 3"	C64CORE
Additional Dual Tension Media Spindle - 2" / 3"	C12C811231
Replacement Printer Cutter Blade	C12C815291
Replacement Ink Maintenance Tank	C12C890191
Epson UltraChrome K3 Ink (700 ml)	
Photo Black ink cartridge	T591100
Cyan ink cartridge	T591200
Vivid Magenta ink cartridge	T591300
Yellow ink cartridge	T591400
Light Cyan ink cartridge	T591500
Vivid Light Magenta ink cartridge	T591600
Light Black ink cartridge	T591700
Matte Black ink cartridge	T591800
Light Light Black ink cartridge	T591900

^A Based upon print engine speed only. Total throughput times depend upon front-end RIP, file size, printer resolution, ink coverage, networking, etc. Standard is Fine Mode – 720 dpi HS.

^B Cartridge yields vary considerably for reasons including images printed, print settings, temperature and humidity. Yields may be lower when printing infrequently or predominantly with one ink color. A variable amount of ink remains in the cartridge after the "replace cartridge" signal. Part of the ink from the first cartridges is used for priming the printer. Ink is used for both printing and print head maintenance. All inks are used for both black and color printing. For more information about cartridges, see www.epson.com/cartridgeinfo. Printer ships with 110 ml cartridges. Photo Black and Matte Black cartridges are included.

^C Print permanence based on accelerated testing of prints on specialty media, displayed indoors, under UV coated glass. Actual print stability will vary according to media, printed image, display conditions, light intensity, humidity and atmospheric conditions. Epson does not guarantee longevity of prints. For maximum print life, display all prints under glass or lamination or properly store them.

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For more information on Epson's environmental programs, go to eco.epson.com



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