

Epson Stylus® Pro 4880 Print Engine Specifications

Printing Technology

Advanced MicroPiezo AMC print head
with ink repelling coating technology
8-channel, drop-on-demand, ink jet print head
9-cartridge (C, LC, VM, VLM, Y, LK, LLK, PK or MK)

Auto Head Alignment and Cleaning technology

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

Nozzle Configuration

Color and Monochrome 180 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

Print Engine Speed^A

8" x 10" prints from 1:18 sec to 6:25 – Normal is 2:00
11" x 14" prints from 2:27 to 10:55 – Normal is 3:25
16" x 20" prints from 4:07 to 18:57 – Normal is 6:07

Acoustic Noise Level

Approximately 50 dB(A) according to ISO 7779

Printer Language/Drivers

Epson ESC/P®2 raster photographic drivers standard

Optional PANTONE licensed and SWOP certified PostScript
Language Level 3 Compatible RIP by ColorBurst (included
only with ColorBurst Edition bundle)

Supported by most leading third-party RIPs and workflows

Operating Systems Supported

Macintosh Tiger 10.4.9 or higher (universal binary)
Leopard 10.5 or higher (16-bit)
Windows Vista and XP (both 32 and 64-bit supported)

Printer Interfaces

Includes as standard one hi-speed USB 2.0 (1.1 compatible)
and one Ethernet port (10/100Base-T)

Dimensions

33"(W) x 14"(H) x 30"(D)
Printer weight: 89 lb

BorderFree Printing

Complete borderless printing on the following roll media sizes:
8.25", 8.5", 10", 12", 13", 14", 16", 17"

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

Safety Approval

Safety standards UL1950, CSA 22.2 950 FDA
EMI FCC Part 15 subpart B class B,
CSA C108.8 class B
AS/NZS 3548 class B

Printable Area

Maximum paper width 17"
Left and right margins 0 to 3 mm each (0.24" total)
Top and bottom margins 0 to 25 mm each
Maximum printable width 17.16" (full bleed 17" width)
Maximum printable length Limited by application, OS, and
driver/RIP used

Media Handling

Roll media size Single roll up to 17" width
Roll media length Up to 132' (limited by core dia.)
Cut-sheet input tray size Up to 17" x 22"
Cut-sheet media input Up to 250 sheet tray, top and
rear manual feed slots
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

Epson Intelligent Ink Cartridges^B

Cartridge fill volume 110 ml or 220 ml
each color x 8 cartridges total
Ink cartridge shelf life 2 years from printed production
(recommended) date or 6 months after open

Line Accuracy

+ or - 0.2% of specified page length

Lightfastness Ratings^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)

Engine Reliability

Cutter life ~2,000 cuts (coated media)
Maintenance parts Pump unit, flushing box,
head cleaner, cap assembly

First major maintenance interval (number of 8" x 10" prints)
720 x 720 dpi 45,000 prints
1440 x 720 dpi 29,500 prints
2880 x 1440 dpi 15,200 prints

Note: when printing in uni-directional mode the above
numbers are reduced by half

Electrical Requirements

Voltage AC 110 – 240 V
Frequency 50 to 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
ENERGY STAR compliant

Product/Accessories

Product/Accessories	Part Numbers
Epson Stylus Pro 4880 Printer	SP4880K3
Epson Stylus Pro 4880 ColorBurst Edition Includes ColorBurst® RIP	SP4880CB
Epson Stylus Pro 4880 Portrait Edition Includes ExpressDigital® Darkroom™ Core Edition	SP4880EX
Epson Stylus Pro 4880 Printer Cabinet Stand	C4800STAND
Epson Stylus Pro 4880 TUMI® Printer Cover	C4800TUMI
Additional One-year Epson Preferred Plus Service	EPP48B1
Additional Two-year Epson Preferred Plus Service	EPP48B2
Additional Media Spindle (Normal Tension) – 2" / 3"	C12C811171
Additional Media Spindle (High Tension) – 2" / 3"	C12C811191
Replacement Printer Cutter Blade	C12C815291
Replacement Ink Maintenance Tank	C12C890191

Epson UltraChrome K3 Ink	(110 ml)	(220 ml)
Photo Black ink cartridge	T605100	T606100
Cyan ink cartridge	T605200	T606200
Vivid Magenta ink cartridge	T605300	T606300
Yellow ink cartridge	T605400	T606400
Light Cyan ink cartridge	T605500	T606500
Vivid Light Magenta ink cartridge	T605600	T606600
Light Black ink cartridge	T605700	T606700
Light Light Black ink cartridge	T605900	T606900
Matte Black ink cartridge	T613800	T614800

^A Based upon print engine speed only. Total throughput times depend upon front-end RIP, file size,
printer resolution, ink coverage, networking, etc. Normal Mode based on SuperFine - 1440 dpi HS.

^B 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 cartridges and part of the ink from the first
cartridges is used for priming the printer. Printer ships with 110 ml cartridges. Photo Black cartridge
included. Matte Black must be purchased separately. See www.epson.com/cartridgeinfo for more
information about cartridges.

^C Ink lightfastness rating based on accelerated testing of prints on specialty media, displayed indoors,
under 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.
Visit www.wilhelm-research.com for the latest information.



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