



# Next Generation Digital Printers



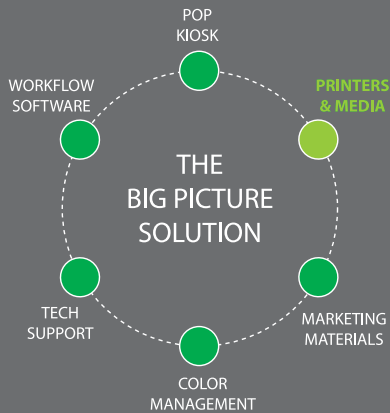
STYLUS PRO



48/78/9800



UltraChrome K3 Ink



We're on a mission to help grow your business with new imaging solutions. Beyond providing wide-format ink jet printers and media, we offer advice and "bundles" of equipment and technology that make it all work.

**Fuji Hunt brings together:**

- Fuji Hunt's Industry-Leading Service and Support
- Fujifilm's Expertise in Photographic Imaging and Media
- Epson's Outstanding Printer Technology

A wholly-owned subsidiary of Fuji Photo Film, Fuji Hunt Photographic Chemicals is a leading provider of quality products for the photographic, graphic arts, and specialty chemical industries. Throughout nearly a century of service, Fuji Hunt has distinguished itself as the industry innovator by delivering breakthrough performance, allowing companies to operate more safely and profitably.

Today, photo labs and graphics firms around the world depend on the ever-consistent reliability of Fuji Hunt products and technical support. Strategically basing state-of-the-art manufacturing facilities in vital markets worldwide, Fuji Hunt offers multi-national corporations a globally-seamless approach to achieving the best quality results through world-class products and services.

**EPSON/FUJIFILM Stylus® Pro 4800**



Redefining  
**17"**  
wide format  
photographic output



EPSON/FUJIFILM Stylus® Pro 4800  
Shown with optional printer stand

**Advanced Black and White Printing Technology**

*Proprietary screening and driver technology developed specifically for producing professional quality neutral or toned black and white prints with no color cast, crossover or metamerism.*

**8-Color UltraChrome K3™ Ink Technology**

*The new standard by which all other ink systems will be judged. All new high-density pigments for an extremely wide color gamut, amazing high-gloss prints, unique three-level black technology, all with virtually no metamerism or bronzing.*

**High Performance Print Engine Speeds**

*High performance 1-inch wide print head can produce 8"x10" prints in less than 95 seconds and 16"x20" in as little as 4.1 minutes making the new EPSON/FUJIFILM Stylus® Pro series printers faster than any previous model.*

**BREATHTAKING PRINT QUALITY**

- All new 8-Channel Print Head incorporates 180 nozzles per channel to precisely deliver ink where needed.
- EPSON UltraChrome K3™ Ink Technology available with a third level of black incorporated offers smoother tonal transitions while maintaining print longevity up to 108\* years on a wide range of media.
- Variable Size Droplet Technology capable of producing droplets as small as 3.5 picoliters resulting in sharp, crisp images that beg close scrutiny.
- Automatic Print Head Alignment technology for all color channels in single and bi-directional print modes for maximum consistency.

**FAST AND FLEXIBLE**

- High-Performance Print Engine produces dry to dry 16"x20" prints in as little as 4.1 minutes.
- Intelligent High-Capacity Ink System allows simultaneous usage of 110ml and 220ml cartridges that can be changed on-the-fly to maximize productivity while reducing inventory requirements.
- Unique Straight-Through Media Path permits cut sheets, 1.5mm thick photoboards or rolls up to 44" wide to be loaded interchangeably, as needed, without printer modification.
- User-Exchangeable Black Ink Modes expend less ink between changes letting the image dictate which black ink, photo or matte, to choose.

\* 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.willhelm-research.com](http://www.willhelm-research.com) for the latest information.



**EPSON/FUJIFILM  
Stylus® Pro 7800 & 9800**



Redefining  
**24"**  
wide format  
photographic output



Redefining  
**44"**  
wide format  
photographic output

**Professional Media Handling**

*Prints on virtually any media type from RC paper to fine art paper to canvas to scrim vinyl in sheets, 1.5mm thick photo-boards or rolls up to 44" wide on 2" or 3" cores.*

**Intelligent High-Capacity Ink System**

*Eight individual 110ml or 220ml ink cartridges for truly professional use. You can even mix and match both 110ml and 220ml sizes to further optimize ink usage.*

**Auto Head Alignment and Cleaning Technology**

*Built-in sensor automatically aligns the 8-channel print head for extremely accurate dot placement. This system is so effective, it can even detect when a print head is getting dirty and automatically cleans it if needed.*

**Epson PreciseColor™ Technology**

*In order to ensure consistent printing between multiple EPSON/FUJIFILM Stylus® Pro printers of the same model, production processes have been enhanced to include colorimetric calibration. This system evaluates and adjusts each printer's difference at the manufacturing stage, assuring you of consistent color output.*

**EPSON ULTRACHROME K3 INK**

**All New 8-Color Pigment-Based Ink System**

- High-density pigments for an extremely wide color gamut
- Professional print permanence ratings for truly sellable quality prints
- High-gloss Microcrystal Encapsulation™ Technology for reduced gloss differential
- Superior scratch resistance from improved pigment and resin chemistry
- Color is stable immediately after printing — no short-term color shifting



**All New 8-Color  
Pigment-Ink Technology**



# EPSON/FUJIFILM Stylus® Pro 4800/7800/9800 Print Engine Specifications

## Printing Method

8 Channel Print Head Technology  
8-Color (C, Lc, M, Lm, Y, Lk, LLk + PK or MK) pigment based  
Variable-Sized Droplet Micro Piezo drop-on-demand  
ink jet with AMCTM technology

Epson UltraChrome K3™ Ink Technology

## Nozzle Configuration

Color and Monochrome heads: 180 nozzles x 8

## Droplet Technology

Smallest droplet size: 3.5 picoliter  
Variable Droplet Technology can produce  
up to three different 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<sup>A</sup>

8" x 10" prints from 50 secs to 6:25 – Normal is 3:17  
11" x 14" prints from 1:44 to 10:55 – Normal is 5:35  
16" x 20" prints from 4:07 to 18:57 – Normal is 9:46

## Acoustic Noise Level

Approximately 50 dB(A) according to ISO 7779

## Printer Language

Epson ESC/P2 Raster Photographic Drivers standard

PostScript® Level 3™ Compatible RIP by ColorBurst®  
(included only with Pro Edition bundle)

Supported by most leading third-party RIPs and workflows

## Operating Systems Supported

Macintosh Panther 10.3.9 or higher  
Tiger 10.4 or higher  
Windows 2000 or XP (Pro or Home Edition)

## Printer Interfaces

Includes one USB (1.1 and 2.0 compatible), one IEEE 1394  
FireWire™ and one Epson Expansion Slot used for installing  
the optional internal 10/100 BaseT Ethernet card  
(Ethernet included in Pro Edition Bundle)

## Dimensions

4800 33.4" (W) x 14" (H) x 30" (D)  
Printer weight: 89lb  
7800 46.3" (W) x 46.5" (H) x 29.3" (D)  
Printer weight: 131lb  
9800 67" (W) x 47" (H) x 26.7" (D)  
Printer weight: 198lb

## BorderFree™ Printing

Left and right borderless "bleed" printing for the  
following roll media widths  
8.3", 10", 12", 13", 14", 16", 17"<sup>B</sup>, 20"<sup>C</sup>, 24"<sup>C</sup>, 36"<sup>D</sup>, 44"<sup>D</sup>

Top and bottom edges can be automatically cut to any  
length three different ways during printing on roll media

## Printable Area

Maximum paper width 17"<sup>B</sup>, 24"<sup>C</sup>, 44"<sup>D</sup>  
Left and right print margins 0 or 3 mm each (0.24" total)  
Top and bottom margins 0 to 25 mm each  
Maximum printable width 17.16"<sup>B</sup>, 24.16"<sup>C</sup>, 44.16"<sup>D</sup>  
Maximum printable length Limited by application, OS, and  
driver/RIP used

## Media Handling

Roll media size Single roll up to 17"<sup>B</sup>, 24"<sup>C</sup>, 44"<sup>D</sup>  
Roll media length Up to 132' (limited by core dia.)  
Cut sheet input tray size Up to 17" x 22"<sup>B</sup>  
Cut sheet media input Up to 250 sheet tray, top and  
rear manual feed slots<sup>B</sup>  
Media core compatibility Handles both 2" and 3" cored media  
Max. roll media diameter 4" (2" core) or 6" (3" core)  
Weight 12lb bond up to 1.5mm cardboard  
Built-in media cutter Automatic or manual cutting

## Line Accuracy

+ or – 0.2% of specified page length

## EPSON Intelligent Ink Cartridge

Ink cartridge size 110ml or 220ml  
each color x 8 colors total  
Ink cartridge shelf life 2 years from printed production  
date or 6 months after open

## Lightfastness Ratings<sup>E</sup>

EPSON UltraChrome Color: Up to 108 years  
K3™ Ink Technology 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)  
Humidity operating 20 to 80% relative humidity  
Recommended 40 to 45%  
Storage 5 to 85% relative humidity  
(no condensation)

## 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

## 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 120 V (220 to 240 V)  
Frequency 50 to 60 Hz  
Current 1.0A / 100-120V  
Power consumption Approx. 59W (operating)  
<5W (standby)  
< 1W (power off mode)  
Energy Star compliant

## Product/Accessories

EPSON/FUJIFILM Stylus® Pro 4800	884800
EPSON/FUJIFILM Stylus® Pro 4800 Pro Edition	884801
EPSON/FUJIFILM Stylus® Pro 4800 Printer Stand	884802
EPSON Stylus® Pro 4800 TUMI® Printer Cover	884803
Additional 1 Year Extended Printer Warranty	884810
Additional 2 Year Extended Printer Warranty	884811
EpsonNet High Speed 10/100 Ethernet Card	884003
SP4800 2" & 3" Paper Spindle	884004
SP4800 2" & 3" High Tension Paper Spindle	884005

EPSON/FUJIFILM Stylus® Pro 7800	887800
EpsonNet High Speed 10/100 Ethernet Card	884003
SP7800 2" & 3" Paper Spindle	887603
SP7800 2" & 3" High Tension Paper Spindle	887604

EPSON/FUJIFILM Stylus® Pro 9800	889800
EpsonNet High Speed 10/100 Ethernet Card	884003
SP9800 2" & 3" Paper Spindle	889603
SP9800 2" & 3" High Tension Paper Spindle	889604

SP7800/9800 1 Year Extended Printer Warranty	887840
SP7800/9800 2 Year Extended Printer Warranty	887841

Replacement Cutter Blade	876006
Replacement Ink Maintenance Tank	876008

## EPSON UltraChrome K3™ Inks for SP 4800

	110ml	220ml
Photo Black Ink Cartridge	884850	884860
Cyan Ink Cartridge	884851	884861
Magenta Ink Cartridge	884852	884862
Yellow Ink Cartridge	884853	884863
Light Cyan Ink Cartridge	884854	884864
Light Magenta Ink Cartridge	884855	884865
Light Black Ink Cartridge	884856	884866
Light Light Black Ink Cartridge	884857	884867
Matte Black Ink Cartridge	887617	889617

## EPSON UltraChrome K3™ Inks for SP 7800 & 9800

	110ml	220ml
Photo Black Ink Cartridge	887810	887820
Cyan Ink Cartridge	887811	887821
Magenta Ink Cartridge	887812	887822
Yellow Ink Cartridge	887813	887823
Light Cyan Ink Cartridge	887814	887824
Light Magenta Ink Cartridge	887815	887825
Light Black Ink Cartridge	887816	887826
Light Light Black Ink Cartridge	887817	887827
Matte Black Ink Cartridge	887818	887828

A Based upon print engine speed only. Total throughput times depend upon front-end RIP, file size,  
printer resolution, ink coverage, networking, etc.

B Information pertains to SP 4800 only.

C Information pertains to SP 7800 only.

D Information pertains to SP 9800 only.

E 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.  
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- Fujifilm's Expertise in Photographic Imaging and Media
- Epson's Outstanding Printer Technology



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