

EPSON UltraChrome™ Ink Technology

Preliminary data from Wilhelm Imaging Research, Inc. indicates the lightfastness of color UltraChrome prints made with the EPSON Stylus Pro 7600 and 9600 printers will be rated up to 100 years under glass, depending upon the specific type of Epson media being used.

Preliminary data indicates the lightfastness of black and white UltraChrome images printed in 7-color mode will be rated as greater than 100 years under glass depending on the type of Epson media being used.*

Visit www.wilhelm-research.com for regularly updated information as testing proceeds.

EPSON MEDIA TYPE	WILHELM PRELIMINARY DATA (expected COLOR results)
Premium Glossy Photo Paper (250)	90 to 100 years
Fine Art Papers	80 to 100 years
Premium Luster Photo Paper	50 years
Premium Semimatte Photo Paper (250)	40 years
Enhanced Matte Paper	30 years

EPSON UltraChrome™ Ink Technology

▶ Three User Exchangeable Black Ink Modes

- User can choose between three different black ink modes to optimize black ink density for various media types and printing applications.
- User can switch between black ink modes without the need for complex servicing or other outside assistance.

Photo Black Mode (7-Color Mode)

- Photo Black Ink + Light Black Ink + CcMmY
- Optimized for traditional photographic and ink jet-coated media types, such as EPSON Premium Luster, Premium Semimatte, etc. producing the highest level of photographic image quality
- Black D-Max up to 2.0

Matte Black Mode (7-Color Mode)

- Matte Black Ink + Light Black Ink + CcMmY
- Optimized for matte or plain paper media types such as Enhanced Matte, EPSON Fine Art Papers, etc. where the highest level of photographic image quality is desired
- Black D-Max up to 1.69 (vs. a black D-Max up to 1.49 if using Photo Black Mode)

Dual Matte Black Mode (6-Color Mode)

- Matte Black Ink + Matte Black Ink + CcMmY
- Optimized for matte or plain paper medias such as newsprint and plain bond paper, where print speed is favored over photographic image quality
- Black D-Max up to 1.69

rethink.



EPSON UltraChrome™ Ink Technology

➤ Improved Black and White Photographic Printing

- Produces a truly consistent print with no color crossover effects
- Reduced metamerism when printing a 7-color black & white print
- Able to produce neutral or toned black and white prints to satisfy almost any professional photographer
- Depending upon the media used, you can produce a black D-Max up to 2.0

Sepia

Neutral Grey

Platinum

Selenium

“The EPSON Stylus Pro 9600 provides me

with the ‘missing link’ to producing black & white prints...”

– Mac Holbert, Founder NASH Editions

rethink.



EPSON Photographic Dye™ Ink

➤ **EPSON Photographic Dye Ink with EPSON ColorLife™ Media Line**

- Available in 6-color mode (CcMmYKK) with dual black inks installed for incredibly fast black-only printing
- Award-winning ink technology with extremely wide color gamut
- Along with the EPSON ColorLife™ Media line, this combination of ink and media will produce the highest level of photographic print quality ever offered by Epson
- Epson’s highest ever D-Max level of 3.0
- Lightfastness rating up to 26 years in color when displayed under glass*

24"
44"

*Lightfastness Rating up to 26 years in Color**



Which Epson Ink Technology Should I Use?

At the time of purchase, the customer must choose which ink technology they want to use. With the introduction of **EPSON UltraChrome Ink**, it will become more difficult to decide which Epson ink technology to choose. For most customers, EPSON UltraChrome Ink will be the obvious choice. This breakthrough ink technology will forever change the perception of pigmented inks. This ink is best for:

- Professional Photography & Fine-art Photography that is intended for display or resale
- Commercial Pre-press Proofing workflows when using optional RIP technologies
- Any indoor or short-term outdoor display signage

The **EPSON Photographic Dye Ink**, especially when used with EPSON ColorLife media, will produce stunning photographic prints with lightfastness ratings up to 26 years under glass. This still outlasts traditional silver halide prints. This ink is best for:

- Photography that only requires a lightfastness rating up to 26 years under glass*
- Color Comping, General Purpose Graphics, and Business Presentation Graphics
- CAD, GIS Mapping, Architecture, etc. where ink costs might be an issue
- Any user who does not care about lightfastness and wants the lowest possible operational costs



EPSON UltraChrome™ Ink Technology

Black Ink Conversion Q&A

➤ Which Black Ink Mode Comes Standard?

- The out-of-box UltraChrome Ink set is PHOTO BLACK mode
- Every brand new EPSON Stylus Pro 7600 or 9600 printer that is ordered with EPSON UltraChrome Inks, will contain seven 110ml ink cartridges in the box

➤ What Do I Need to Switch to Matte Black Mode?

- Simply order a standard Epson Matte Black ink cartridge; either 110ml for the EPSON Stylus Pro 7600 or 110ml or 220ml cartridge sizes for the EPSON Stylus Pro 9600

➤ How Long Does it Take to Switch Between Black Ink Modes?

- It takes about 10 minutes to switch between the different black ink modes
- The complete process is automated by the front control panel LCD

➤ Do I Waste Ink by Switching Between Black Ink Modes?

- Yes. Plan on wasting a total of about 180ml to 215ml of ink across the entire 7 inks installed during the conversion process.
- This equates to about the price of one 220ml ink cartridge or about \$112 per switch

Joseph Holmes

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advanced.

EPSON®
rediscover your passion for photography.



All New Print Head Technology

➤ True 2880 x 1440 dpi Resolution

- All new print head capable of producing a single droplet as small as 4 picoliter
- Produces incredibly sharp text and line-art that rivals the final press sheet
- Extremely fine blends and photographic transitions with no sign of ink jet technology

➤ Variable Droplet MicroPiezo DX3™ Technology

- Capable of producing up to three different dot sizes per print line, greatly decreasing print times while optimizing photographic quality
- Proprietary DX3 ASIC technology controls the printing process, resulting in consistent image quality and color output from print to print
- Most advanced print head ever produced by Epson

24"
44"

*The Most
Advanced
Print Head
Ever Produced by Epson*

advanced.





Advanced Print Engine Technology

➤ EPSON Intelligent High-Capacity Ink System

- Seven 110ml or 220ml ink cartridges with automatic tracking of key data points such as ink levels, ink type and usage rates, for the most accurate production cost estimations
- Greatly increasing productivity, you can replace ink cartridges on-the-fly, even during the middle of a print job with no loss in image quality or production time
- EPSON Stylus Pro 9600 can use either 110ml or 220ml ink cartridge sizes even at the same time to further optimize ink usage

➤ Unsurpassed Media Flexibility

- 
- 
- Prints on virtually any media type in roll or cut sheet up to 24-inch or 44-inch wide
 - Accurate automatic loading of cut sheet media up to 24-inch or 44-inch wide in a variety of weights up to 1.5mm thick
 - User-adjustable roll media spindles to accept either 2-inch or 3-inch media cores
 - Built-in Automatic Cutting System in addition to an optional Manual Media Cutter for cutting even the thickest of media types
 - Optional Automatic Take-up Reel System for long unattended print runs - available on the EPSON Stylus Pro 9600 only



Advanced Print Engine Technology

➤ True BorderFree™ Printing

- First ever wide format print engine capable of printing off both left and right edges of the media, while automatically cutting top and bottom edges to produce a full bleed print on all four sides of the print
- Built-in cutter can fully trim your finished prints more accurately and safely than manual post-finishing techniques

➤ High Performance Print Engine Speeds

- Depending upon the print mode being used, print speeds will vary from 8 ft² per hour to a maximum of 192 ft² per hour
- Extremely photographic printing can be produced at about 16 ft² per hour
- Produces everyday “production-quality” printing at about 87 ft² per hour
- Prints about 2.5 times faster than previous EPSON Stylus Pro 7000 and 9000 series

Print Speeds Up To

192 ft²

Per Hour

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Advanced Print Engine Technology

➤ True Cross-Platform OS Support

- All NEW enhanced EPSON Photographic Drivers for Macintosh and Windows allowing for complete ink density control even when driver color management is turned off
- Standard EPSON drivers allow the user to setup a dedicated Macintosh or Windows computer as a network spooler, greatly enhancing your user's productivity
- For professional pre-press proofing and graphics workgroups an optional EFI Fiery Spark Professional 2 Adobe® PostScript® 3 software RIP with Pantone® Color Matching is available
- Fully supported by most leading third-party RIPs and workflows greatly enhancing the usability of the basic print engine

➤ Superior Connectivity

- Includes USB (1.1 and 2.0 compatible), ECP Parallel, and one Epson Expansion Slot for installing the optional internal IEEE 1394 FireWire® or 10/100 BaseT Ethernet cards



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NEW! EPSON Professional Media Line

Pigment & Dye Ink Compatible

- ▶ **Somerset® Velvet for EPSON (made exclusively for Epson America, Inc.)**
 - 100% cotton, enhanced radiant white, mould made surface that's acid free
 - Cut sheets (505g) available in: 24" x 30", 36" x 44" and 44" x 60"
 - 50 Foot 3-inch cored Rolls (255g) available in: 24" and 44"
- ▶ **EPSON Proofing Paper - Commercial Semimatte**
 - 3-inch core
 - 100 foot Rolls available in: 24", 36" and 42"
- ▶ **EPSON Premium Glossy Photo Paper (250)**
 - 10 mil, 250 gram base, 3-inch core
 - 100 foot Rolls available in: 24", 36" and 44"
- ▶ **EPSON Premium Semimatte Photo Paper (250)**
 - 10 mil, 250 gram base, true photo 'N' surface, 3-inch core
 - 100 foot Rolls available in: 24", 36" and 44"
- ▶ **EPSON Premium Luster Photo Paper**
 - Great for BorderFree™ Printing of 8x10, 10x12, 16x20, 20x24, and 20x30
 - 100 foot Rolls available in: 10", 20", 24", 36" and 44"
- ▶ **EPSON ColorLife™ Photo Paper (photo dye ink only)**
 - 100 foot Rolls available in: 24", 36" and 44"

advanced.



Rediscover Your Passion For Photography

➤ Unbeatable Value!

- EPSON Stylus Pro 7600 (24") only **\$2,995** estimated street price
- EPSON Stylus Pro 9600 (44") only **\$4,995** estimated street price

➤ Standard 1-Year EPSON Preferredsm Warranty Program

- Prompt answer toll-free phone support with personal PIN ID (supplied in-box)
- Available Monday – Saturday
- Next business day on-site service

➤ Optional 1- or 2-Year EPSON Preferredsm Plus Service Contracts Available

- Allows you to continue all the great benefits of the standard EPSON Preferred Warranty Program once the 1-Year FREE warranty expires
- Available for purchase at any time before the standard 1-Year EPSON Preferred Warranty Program expires

24"
44"



COMPETITIVE COMPARISONS

24"

44"

PRIMARY COMPETITION

FEATURE

Maximum Media Width

Print Head Technology

Ink System

Highest Resolution

Nozzle Configuration

Smallest Droplet Size

Variable Size Droplet Technology

Roll Media Handling

Photo Accelerator Technology

Nozzle Verification Technology

Borderless Printing Technology

Automatic Cut Sheet Loading

EPSON Ink Technology

Largest Ink Cartridge Size

Photo Quality Opinion

Max. Media Weight

Max. Print Speed (SFPH)

Slowest Print Speed (SFPH)

Photo Lab Quality Print Speed (SFPH)

Standard Connectivity

Optional Connectivity

Page Description Language

Standard Driver Support

Optional RIP Support

Standard Warranty

Estimated Street Price

EPSON STYLUS PRO 7600

24"

Variable Droplet Micro Piezo DX3

7 Color (CcMmYKk) or 6 Color (CcMmYKK)

2,880 x 1,440 dpi

96 nozzles x 7

4 picoliter

Yes - 3 sizes

Single Roll

No

No

Yes

Yes

UltraChrome or Photographic Dye

110 ml x 7 (Intelligent)

Astonishing Quality - Better than a Lab

Up to 1.5 mm Posterboard

~192 (Economy Mode)

~8 (2,880 x 1,440 dpi)

~29 (720 x 720 dpi)

USB 1.1 & 2, Parallel, Epson Expansion x1

10/100 BaseT or FireWire™

Epson ESC/P2

Macintosh & Win 95,98,Me,NT,2000,XP

EFI Fiery Spark Professional 2 (\$1,995)

1 Year EPSON Preferred

On-Site Next Business Day

\$2,995 UltraChrome or Dye

EPSON STYLUS PRO 7000 Series

24"

Micro Piezo DX3

6 Color (CcMmYK)

1,440 x 720 dpi

64 nozzles x 6

8 picoliter

No

Single Roll

No

No

No

Yes

Archival Ink or Photographic Dye

110 ml x 6

Award Winning Photo Quality

Up to 1.5 mm Posterboard

~71 (360 x 360 dpi)

~12 (1,440 x 720)

~12 (Best Quality Mode)

USB 1.1, Parallel, Epson Expansion x1

10/100 BaseT or FireWire™

Epson ESC/P2

Macintosh & Win 95,98,Me,NT,2000,XP

EPSON RS-5100 Fiery X2 (\$1,995)

1 Year EPSON Preferred

On-Site Next Business Day

\$3,995 Dye or \$4,995 Archival

PRIMARY COMPETITION

FEATURE

Maximum Media Width

Print Head Technology

Ink System

Highest Resolution

Nozzle Configuration

Smallest Droplet Size

Variable Size Droplet Technology

Roll Media Handling

Photo Accelerator Technology

Nozzle Verification Technology

Borderless Printing Technology

Automatic Cut Sheet Loading

EPSON Ink Technology

Largest Ink Cartridge Size

Photo Quality Opinion

Max. Media Weight

Max. Print Speed (SFPH)

Slowest Print Speed (SFPH)

Photo Lab Quality Print Speed (SFPH)

Standard Connectivity

Optional Connectivity

Page Description Language

Standard Driver Support

Optional RIP Support

Standard Warranty

Estimated Street Price

EPSON STYLUS PRO 9600

44"

Variable Droplet Micro Piezo DX3

7 Color (CcMmYKk) or 6 Color (CcMmYKK)

2,880 x 1,440 dpi

96 nozzles x 7

4 picoliter

Yes - 3 sizes

Single Roll

No

No

Yes

Yes

UltraChrome or Photographic Dye

220 ml x 7 (Intelligent)

Astonishing Quality - Better than a Lab

Up to 1.5 mm Posterboard

~192 (Economy Mode)

~8 (2,880 x 1,440 dpi)

~29 (720 x 720 dpi)

USB 1.1 & 2, Parallel, Epson Expansion x1

10/100 BaseT or FireWire™

Epson ESC/P2

Macintosh & Win 95,98,Me,NT,2000,XP

EFI Fiery Spark Professional 2 (\$1,995)

1 Year EPSON Preferred

On-Site Next Business Day

\$4,995 UltraChrome or Dye

EPSON STYLUS PRO 9500

44"

Micro Piezo DX3

6 Color (CcMmYK)

1,440 x 720 dpi

64 nozzles x 6

8 picoliter

No

Dual Rolls

No

No

No

No

Archival Ink Only

220 ml x 6

Award Winning Photo Quality

Up to 1.5 mm Posterboard

~71 (360 x 360 dpi)

~12 (1,440 x 720)

~12 (Best Quality Mode)

Serial, Parallel, Epson Expansion x1

10/100 BaseT or FireWire™

Epson ESC/P2

Macintosh & Win 95,98,Me,NT,2000,XP

EPSON RS-5100 Fiery X2 (\$1,995)

1 Year EPSON Preferred

On-Site Next Business Day

\$5,995 Archival or Dye

PRIMARY COMPETITION

FEATURE

Maximum Media Width

Print Head Technology

Ink System

Highest Resolution

Nozzle Configuration

Smallest Droplet Size

Variable Size Droplet Technology

Roll Media Handling

Photo Accelerator Technology

Nozzle Verification Technology

Borderless Printing Technology

Automatic Cut Sheet Loading

EPSON Ink Technology

Largest Ink Cartridge Size

Photo Quality Opinion

Max. Media Weight

Max. Print Speed (SFPH)

Slowest Print Speed (SFPH)

Photo Lab Quality Print Speed (SFPH)

Standard Connectivity

Optional Connectivity

Page Description Language

Standard Driver Support

Optional RIP Support

Standard Warranty

Estimated Street Price

EPSON STYLUS PRO 9600

44"

Variable Droplet Micro Piezo DX3

7 Color (CcMmYKk) or 6 Color (CcMmYKK)

2,880 x 1,440 dpi

96 nozzles x 7

4 picoliter

Yes - 3 sizes

Single Roll

No

No

Yes

Yes

UltraChrome or Photographic Dye

220 ml x 7 (Intelligent)

Astonishing Quality - Better than a Lab

Up to 1.5 mm Posterboard

~192 (Economy Mode)

~8 (2,880 x 1,440 dpi)

~29 (720 x 720 dpi)

USB 1.1 & 2, Parallel, Epson Expansion x1

10/100 BaseT or FireWire

Epson ESC/P2

Macintosh & Win 95,98,Me,NT,2000,XP

EFI Fiery Spark Professional 2 (\$1,995)

1 Year EPSON Preferred

On-Site Next Business Day

\$4,995 UltraChrome or Dye

EPSON STYLUS PRO 10000

44"

Variable Droplet Micro Piezo DX3

6 Color (CcMmYK)

1,440 x 720 dpi

180 nozzles x 6

5 picoliter

Yes - 3 sizes

Dual Rolls

Yes

Yes

No

Yes

Archival or Photographic Dye

500 ml x 6 (Intelligent)

Better than a Photo Lab

Up to 1.5 mm Posterboard

~231 (Economy Mode)

~25 (1,440 x 720 dpi)

~72 (720 x 720 dpi)

USB 1.1, FireWire, 10/100 BaseT, Parallel

None

Epson ESC/P3

Macintosh & Win 95,98,Me,NT,2000,XP

EFI Fiery Spark Professional 2 (\$2,995)

1 Year EPSON Preferred

On-Site Next Business Day

\$9,995 Archival or Dye

Product Pricing Information

EPSON Stylus Pro 7600

DESCRIPTION	EPSON PART NO.	EST. STREET*
EPSON Stylus Pro 7600 Print Engine with UltraChrome™ Ink	C472001UCM	\$2,995.00
EPSON Stylus Pro 7600 Print Engine with Photographic Dye™ Ink	C472001DYE	\$2,995.00
EPSON Stylus Pro 7600 Printer Stand	C12C844061	\$299.00
EFI Fiery Spark Professional 2 Software RIP	C842832	\$1,995.00
Internal 10/100 BaseT Ethernet Card	C12C823912	\$239.00
Internal IEEE 1394 FireWire™ Card	C12C823722	\$199.00
2"/ 3" Media Spindle	C12C811161	\$149.00
2"/ 3" Media Spindle (High Tension)	C12C811155	\$149.00
Replacement Printer Cutter Blade	C12C815241	\$95.00
Replacement Ink Maintenance Tank	C12C890071	\$39.00
Manual Media Cutting System	C12C815231	\$349.00
Replacement Manual Cutter Blade	C815192	\$99.00
Additional 1-Year EPSON Preferred Plus Service	EPP7696B1	\$725.00
Additional 2-Year EPSON Preferred Plus Service	EPP7696B2	\$1,305.00

Product Pricing Information

EPSON Stylus Pro 9600

DESCRIPTION	EPSON PART NO.	EST. STREET*
EPSON Stylus Pro 9600 Print Engine with UltraChrome™ Ink	C473001UCM	\$4,995.00
EPSON Stylus Pro 9600 Print Engine with Photographic Dye™ Ink	C473001DYE	\$4,995.00
EFI Fiery Spark Professional 2 Software RIP	C842832	\$1,995.00
Internal 10/100 BaseT Ethernet Card	C12C823912	\$239.00
Internal IEEE 1394 FireWire™ Card	C12C823722	\$199.00
2" / 3" Media Spindle	C12C811151	\$149.00
2" / 3" Media Spindle (High Tension)	C12C811152	\$149.00
Replacement Printer Cutter Blade	C12C815241	\$95.00
Replacement Ink Maintenance Tank	C12C890071	\$39.00
Manual Media Cutting System	C815182	\$499.00
Replacement Manual Cutter Blade	C815192	\$99.00
Automatic Take-up Reel System	C12C815251	\$1,199.00
Replacement 44" Take-up Reel Core	C815121	\$43.00
Additional 1-Year EPSON Preferred Plus Service	EPP7696B1	\$725.00
Additional 2-Year EPSON Preferred Plus Service	EPP7696B2	\$1,305.00

Product Pricing Information

EPSON UltraChrome™ Ink

ORDERING INFORMATION

EPSON PART NO.

MSRP

EPSON UltraChrome™ Ink Technology (110ml)

Photo Black Ink Cartridge	T543100	69.95
Cyan Ink Cartridge	T543200	69.95
Magenta Ink Cartridge	T543300	69.95
Yellow Ink Cartridge	T543400	69.95
Light Cyan Ink Cartridge	T543500	69.95
Light Magenta Ink Cartridge	T543600	69.95
Light Black Cartridge	T543700	69.95
Matte Black Cartridge	T543800	69.95

EPSON UltraChrome™ Ink Technology (220ml)

Available for EPSON Stylus Pro 9600 only

Photo Black Ink Cartridge	T544100	112.00
Cyan Ink Cartridge	T544200	112.00
Magenta Ink Cartridge	T544300	112.00
Yellow Ink Cartridge	T544400	112.00
Light Cyan Ink Cartridge	T544500	112.00
Light Magenta Ink Cartridge	T544600	112.00
Light Black Cartridge	T544700	112.00
Matte Black Cartridge	T544800	112.00

Product Pricing Information

EPSON Photographic Dye™ Ink

ORDERING INFORMATION

EPSON Photographic Dye™ Ink (110ml)

	EPSON PART NO.	MSRP
Black Ink Cartridge	T545100	49.95
Cyan Ink Cartridge	T545200	49.95
Magenta Ink Cartridge	T545300	49.95
Yellow Ink Cartridge	T545400	49.95
Light Cyan Ink Cartridge	T545500	49.95
Light Magenta Ink Cartridge	T545600	49.95

24"

EPSON Photographic Dye Ink

is only Available in 110ml Ink Cartridge Sizes

44"

Stephen Wilkes
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discovered.

EPSON®
rediscover your passion for photography.



*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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CPD-13765 2K 4-02

24"
44"