



Building upon Epson's award-winning technology, the Epson Stylus Photo R1800 quickly creates large, archival quality glossy and matte photos worthy of display. Experience the rich, true-to-life colors and subtle detail that's evident in every image. It's all possible with Epson's

exclusive UltraChrome Hi-Gloss Inks, plus an industry-leading resolution and ink droplet size—the same innovative features that made the Epson Stylus Photo R800 a resounding success.

This printer's impressive 8-color ink system, which incorporates individual red and blue inks, means you get a wider color gamut for incredibly vivid photos. Its separate matte and photo black ink cartridges are integrated into the system, so you get the deepest, darkest blacks on matte paper, and brilliant results on glossy paper automatically. Finally, the unique gloss optimizer makes glossy prints look like they came from a traditional photo lab. And, since the inks are pigment-based, you can be confident the color and detail will remain true for up to 200 years.** The Epson Stylus Photo R1800 delivers studio quality results on a wide variety of media and in eight popular borderless sizes—up to 13-inches wide, as well as panoramics up to 44-inches long.

Best of all, the Epson Stylus Photo R1800 speeds through every project—so you can quickly print stacks of high-quality photos. And, its expertise goes well beyond the art of photographic prints. This photo printer makes it easy to add that special touch to your portfolio with professional quality printing on CDs and DVDs.

Key Features

... Create stunning prints with unsurpassed color and detail

- Includes Epson UltraChrome Hi-Gloss™ Inks with 8 individual cartridges
- Delivers up to 5760 x 1440 optimized dpi and ink droplets as small as 1.5 picoliters
- Provides a wider color gamut with included red and blue inks

... Speed through stacks of photos

- Prints a 4x6 photo in as fast as 42 seconds, 11x14 photo in as fast as 1 minute, 51 seconds*
- Includes Hi-Speed USB 2.0 and FireWire® connectivity

... Print archival quality glossy and matte photos**

- Provides fade resistance as long as 100 to 200 years
- Lasts 300 years in dark storage

... Make a big impression

- Accommodates paper up to 13-inches wide; creates panoramics up to 44-inches long

... Print borderless photos in more popular sizes

- Creates brilliant frame-ready photos (4x6, 5x7, 8x10, 8.5x11, 12x12, 11x14, and 13x19)

... Print directly on CDs/DVDs

The photographer's choice for large archival photos.



**Sales
Guide**

EPSON®

INK JET PRINTER

STYLUS® PHOTO R1800

Questions and Answers

Who is the target customer for the Epson Stylus Photo R1800?

The Epson Stylus Photo R1800 is geared towards digital photographers seeking the best image quality, durable high-gloss photos, and fast print speeds—all in a versatile 13-inch format desktop printer capable of high-volume printing.

- *Commercial and Portrait Photographers* – Those who require fast, high-quality output up to 13-inches wide
- *Advanced Amateur and Photo Enthusiasts* – High-end (4-megapixel or higher) digital camera users looking for durable, large-format glossy and matte photos with excellent print quality
- *Digital Artists* – Artists who use Adobe® Photoshop®, Adobe Illustrator®, or other software applications to create and/or enhance digital images, with the intention to sell the final print

Why is the Epson Stylus Photo R1800 the perfect choice for those seeking fast print speeds, plus durable, high quality prints on glossy paper, matte paper and more?

The Epson Stylus Photo R1800 excels in both quality and performance, offering the following advantages:

- *The highest level of photographic output* – This product delivers up to 5760 x 1440 optimized dpi resolution with an ink droplet as small as 1.5 picoliters, offering unsurpassed quality and detail.
- *Glossy archival photos* – Delivering long-lasting prints on all media types, this printer boasts a lightfastness rating as long as 100 to 200 years** on glossy and matte media surfaces. Its Epson UltraChrome Hi-Gloss pigment ink system with individual cartridges produces uniform glossy prints made to last for generations.
- *Fast print speeds* – This large-format printer doesn't sacrifice speed or versatility. It takes about 42 seconds to produce a 4x6 photo and under 2 minutes for a beautiful 11x14 photo.*
- *Incredible media support and superior paper handling capabilities* – Not only will the Epson Stylus Photo R1800 produce borderless prints in 7 popular sizes (4x6, 5x7, 8x10, letter, 11x14, 12x12, 13x19), but it will also print gorgeous panoramas up to 13 x 44 inches long. And, it prints directly onto ink jet printable CDs.

What is the Epson UltraChrome Hi-Gloss ink system and what are its benefits?

The Epson UltraChrome Hi-Gloss ink system, an 8-color pigment ink system optimized for archival glossy and matte prints, was introduced by the award-winning Epson Stylus Photo R800. The system includes traditional cyan, magenta, and yellow inks, plus two types of black ink—photo and matte black, each optimized and selectable for specific paper types. We've also added two additional colors—red and blue, in order to extend the red and blue gamut. The system includes a gloss optimizer for uniform glossy prints. All eight components offer water-resistant and smudge-resistant results. Prints will last as long as 100 to 200 years on glossy and matte paper.

Why aren't light cyan and light magenta included in the Epson UltraChrome Hi-Gloss system?

Light cyan and light magenta are one-fourth the density of cyan and magenta. They are used to produce continuous color in highlighted or flesh tone areas by implementing the smallest possible ink droplet. Since the Epson Stylus Photo R1800 delivers an astonishing droplet size of only 1.5 picoliters, light cyan and light magenta inks are not necessary. Instead, red and blue inks were added to expand the red and blue gamut.



How does the Epson UltraChrome Hi-Gloss ink system compare to our popular Epson UltraChrome inks?

Similarities:

- Pigment-based inks
- Individual ink cartridges

Differences:

- Replaced light cyan and light magenta inks with red and blue to expand the color gamut
- Added a gloss optimizer to ensure uniform glossy prints
- Matte black and photo black ink are integrated on the printhead. (On the Epson Stylus Photo 2200, with Epson UltraChrome Inks, matte black ink was available as an optional purchase.)
- Automatically switches between photo black and matte black ink modes to optimize black ink density on any media type

What are the differences between the Epson Stylus Photo R1800 and the Epson Stylus Photo 2200?

Although both the Epson Stylus Photo R1800 and the Epson Stylus Photo 2200 are large-format (13-inch wide) models, featuring Micro Piezo® pigment ink jet technology with individual ink cartridges, there are several key differences. The Epson Stylus Photo R1800 is one of Epson's fastest photo printers. And, it offers superior quality.

The Epson Stylus Photo R1800 also encompasses an 8-color ink system, optimized to deliver archival glossy and matte photos. The printer can deliver borderless prints on both glossy and matte paper, and print directly onto ink jet printable CDs and DVDs. It offers a higher resolution (up to 5760 x 1440 dpi vs. up to 2880 x 1440 dpi) and is able to produce a 1.5 picoliter ink droplet, as opposed to 4 picoliters.

In contrast, the Epson Stylus Photo 2200 offers 7-color pigment ink technology, including light black ink (with matte black ink available as an option), and produces borderless prints only on glossy surfaces. It supports three paper paths to accommodate printing on poster board up to 1.3mm thick, as well as roll paper. It includes an automatic cutter and roll paper catcher for printing multiple 4x6 prints and panoramas.

For what types of applications can the Epson Stylus Photo R1800 be used?

- Prints from a digital camera
- Prints from scanned images
- Photo album prints
- Framed photos
- Fine art prints
- Prints to be sold
- Event photography
- Portfolio prints
- Promotional materials
- Illustrations
- Animation cells
- Comic book stills and other digital art
- Creative albums and scrapbooks
- Photo greeting cards
- Photo business cards
- Genealogy projects
- Everyday text and letters
- Other specialty projects – thank you notes, invitations, announcements
- Competitive prints



Family Comparison

Feature	Epson Stylus Photo R800	Epson Stylus Photo R1800	Epson Stylus Photo 1280	Epson Stylus Photo 2200
Target Customer	Pro/semi-pro/advanced amateur photographer, digital artist	Pro/semi-pro/advanced amateur photographer, digital artist	Pro/semi-pro/advanced amateur photographer, graphic designer	Pro/semi-pro/advanced amateur photographer
Applications	General, commercial and event photography, album and frame prints	General, commercial and event photography, album and frame prints	General and commercial photography, comps, color proofs, album prints, portfolios, and promotional materials	General and commercial photography exhibition, gallery fine art, portrait and album prints, and prepress proofing
Format	8.5-inch wide	13-inch wide	13-inch wide	13-inch wide
Fade Resistance Rating (indoor display)	Over 100 years on Epson matte and glossy papers	As long as 100 to 200 years on Epson matte and glossy papers [†]	27 years on ColorLife™ media	100 years black-and-white, up to 75 years for color
Ink Technology	Epson UltraChrome Hi-Gloss (pigment)	Epson UltraChrome Hi-Gloss (pigment)	Epson Photo Inks (light resistant dye)	Epson UltraChrome (pigment)
Color Palette	8 (CMY, Red, Blue, Matte, Photo Black, and Gloss Optimizer)	8 (CMY, Red, Blue, Matte, Photo Black, and Gloss Optimizer)	6 (CcMmYK)	7 (CcMmYKk)
Individual Ink Cartridges	Yes	Yes	No	Yes
Direct CD Printing	Yes	Yes	No	No
Maximum Resolution (dpi)	5760 x 1440	5760 x 1440	5760 x 720	2880 x 1440
Smallest Dot Size	1.5 picoliters	1.5 picoliters	4 picoliters	4 picoliters
BorderFree® Printing	4x6, 5x7, 8x10	4x6, 5x7, 8x10, letter, 11x14, 12x12, 13x19	4x6, 5x7, 8x10, letter, 11x14, 13x19	4x6, 5x7, 8x10, letter, 11x14, 13x19
Roll Paper Holder	Included	Included	Included	Included
Paper Cutter and Catcher	N/A	N/A	N/A	Included
Compatibility	Windows 98, 2000, Me, XP Mac OS 8.6 to 9.x and OS X 10.1.3 or later	Windows 2000, XP Mac OS X 10.2.4 or later	Windows 2000, XP Mac OS X 10.2.4 or later	Windows 98, 2000, Me, XP Mac OS 8.6 to 9.x and OS X 10.1 or later
Built-in Connectivity	Hi-Speed USB 2.0, IEEE 1394 FireWire	Hi-Speed USB 2.0, IEEE 1394 FireWire	Parallel, USB	Parallel, USB, IEEE 1394 FireWire

[†] 200 year results from Epson Watercolor Radiant White Paper (available in 13x19)

Competitive Comparison

Feature	Epson Stylus Photo R1800	Hewlett Packard Deskjet 9650	Canon i9900
Ink Type	8-color pigment inks	6-color dye inks with optional pigment black	8-color dye inks
Maximum Resolution (dpi)	5760 x 1440	4800 x 1200	4800 x 2400
Individual Ink Cartridges	Yes	No	Yes
Fade Resistance Rating	As long as 100 to 200 years on matte and glossy paper	73 years on one paper type, under 23 years on others	25 years only on Canon PhotoPaper Pro
BorderFree Printing	4x6, 5x7, 8x10, letter (8.5x11), 11x14, 12x12, 13x19, and panoramic sizes	4x6, letter, and 11x17	4x6, 5x7, letter, and 13x19
Water-resistant Prints	Yes	No	No
Swapping Necessary	No, fully integrated system with both matte and photo black	Yes, for text, black-and-white, or color photos (both matte and photo black)	No
Color Gamut	20% larger than HP Deskjet 9650	Smaller than the R1800	Similar to the R1800
4x6 Print Speed	42 sec (Photo mode)	153 sec (Best mode)	30 sec (High mode)
Smallest Dot Size	1.5 picoliters	5 picoliters	2 picoliters
Direct CD Printing	Yes	No	No

Product Code	Description	UPC#
C11C589011	Epson Stylus Photo R1800	0-10343-85307-2
T054220	Cyan Ink Cartridge	0-10343-84893-1
T054320	Magenta Ink Cartridge	0-10343-84894-8
T054420	Yellow Ink Cartridge	0-10343-84895-5
T054120	Photo Black Ink Cartridge	0-10343-84892-4
T054820	Matte Black Ink Cartridge	0-10343-84897-9
T054720	Red Ink Cartridge	0-10343-84896-2
T054920	Blue Ink Cartridge	0-10343-84898-6
T054020	Gloss Optimizer (2-pack)	0-10343-84899-3
C12C824221	EpsonNet 802.11g Wireless External Print Server	0-10343-85135-1
S041808	Epson Premium Glossy Photo Paper (4x6) 40 ct	0-10343-85071-2
S041727	Epson Borderless Premium Glossy Photo Paper (4x6) 100 ct	0-10343-84675-3
S041464	Epson Borderless Premium Glossy Photo Paper (5x7) 20 ct	0-10343-83512-2
S041465	Epson Borderless Premium Glossy Photo Paper (8x10) 20 ct	0-10343-83513-9
S041466	Epson Borderless Premium Glossy Photo Paper (11x14) 20 ct	0-10343-83514-6
S041286	Epson Premium Glossy Photo Paper (8.5x11) 20 ct	0-10343-81920-7
S041667	Epson Premium Glossy Photo Paper (8.5x11) 50 ct	0-10343-84261-8
S041290	Epson Premium Glossy Photo Paper (11x17) 20 ct	0-10343-81923-8
S041288	Epson Premium Glossy Photo Paper (11.7x16.5) 20 ct	0-10343-81921-4
S041289	Epson Premium Glossy Photo Paper (13x19) 20 ct	0-10343-81922-1
S041302	Epson Premium Glossy Photo Paper (4" x 26") 1 roll	0-10343-81971-9
S041376	Epson Premium Glossy Photo Paper (8.3" x 32") 1 roll	0-10343-83026-4
S041378	Epson Premium Glossy Photo Paper (13" x 32") 1 roll	0-10343-83028-8
S041405	Epson Premium Luster Photo Paper (8.5x11) 50 ct	0-10343-83234-3
S041406	Epson Premium Luster Photo Paper (11.7x16.5) 20 ct	0-10343-83235-0
S041407	Epson Premium Luster Photo Paper (13x19) 20 ct	0-10343-83236-7
S041408	Epson Premium Luster Photo Paper (8.3" x 32.8") 1 roll	0-10343-83237-4
S041409	Epson Premium Luster Photo Paper (13" x 32.8") 1 roll	0-10343-83238-1
S041331	Epson Premium Semigloss Photo Paper (8.5x11) 20 ct	0-10343-82996-1
S041329	Epson Premium Semigloss Photo Paper (4" x 26") 1 roll	0-10343-82994-7
S041327	Epson Premium Semigloss Photo Paper (13x19) 20 ct	0-10343-82992-3
S041467	Epson Borderless Matte Paper Heavyweight (8x10) 50 ct	0-10343-83515-3
S031257	Epson Matte Paper Heavyweight (8.5x11) 50 ct	0-10343-81832-3
S041341	Epson Enhanced Matte Paper (8.5x11) 50 ct	0-10343-83006-6
S041343	Epson Enhanced Matte Paper (11.7x16.5) 50 ct	0-10343-83008-0
S041339	Epson Enhanced Matte Paper (13x19) 50 ct	0-10343-83016-5
S041568	Epson Double-sided Matte Paper (8.5x11) 50 ct	0-10343-83778-2
S041636	Epson Velvet Fine Art Paper (8.5x11) 20 ct	0-10343-84193-2
S041637	Epson Velvet Fine Art Paper (13x19) 20 ct	0-10343-84194-9
S041351	Epson Watercolor Paper Radiant White (13x19) 20 ct	0-10343-83016-5
SCR1002	PremierArt Matte Scrapbook Photo Paper for Epson (8.5x11) 20 ct	0-10343-84660-9
SCR1003	PremierArt Matte Scrapbook Photo Paper for Epson (12x12) 10 ct	0-10343-84661-6
S041062	Epson Photo Quality Ink Jet Paper (8.5x11) 100 ct	0-10343-81202-4
S041586	Epson Premium Bright White Paper (8.5x11) 500 ct	0-10343-83819-2

Epson Stylus Photo R1800

Individual box dimensions (L x W x H)	27.00" x 17.28" x 12.40"
Individual box weight	34.07 lb
Pallet dimensions (L x W x H)	45.07" x 36.02" x 79.13"
Container	40', 26 pallets, 468 units

Color and Black Ink Cartridges

Individual box dimensions (L x W x H)	4.30" x 1.40" x 5.90"
Individual box weight	0.166 lb
Master carton dimensions (L x W x H)	18.00" x 8.70" x 6.50"
Master carton weight	5.88 lb
Master carton quantity	32

Gloss Optimizer Cartridge (2 per box)

Individual box dimensions (L x W x H)	4.30" x 1.40" x 5.90"
Individual box weight	0.282 lb
Master carton dimensions (L x W x H)	18.00" x 8.70" x 6.50"
Master carton weight	9.59 lb
Master carton quantity	32

Printing Technology

Advanced Micro Piezo 8-color pigment ink jet technology, optimized for photo printing

Nozzle Configuration

180 nozzles (per cartridge)

Ink Type

Epson UltraChrome Hi-Gloss inks

Maximum Resolution (dots per inch)

5760 x 1440 optimized dpi

Minimum Ink Droplet Size

1.5 picoliters

Print Speeds*

Photo	4" x 6"	42 seconds
	11" x 14"	1 minute 51 seconds

Direct CD/DVD Printing

Recordable CD and DVD ink jet printable media

Maximum Paper Width

Single sheet	13"
Roll paper	13"

Maximum Printable Area

13" x 44"	
Top/Bottom margin 0"	Left/Right margin 0"

Paper Sizes

4" x 6"; 5" x 7"; 8" x 10"; letter (8.5" x 11"); 11" x 14"; 12" x 12"; 13" x 19"; B (11" x 17"); A3+, Super B (13" x 19"); user definable, plus 4", 8.3" and 13" wide panoramic roll papers

Paper Types

Premium Glossy Photo Paper, Premium Semigloss Photo Paper, Premium Luster Photo Paper, Enhanced Matte Paper, Matte Paper Heavyweight, Watercolor Paper Radiant White, PremierArt Matte Scrapbooking Paper, Photo Quality Ink Jet Paper, Premium Bright White Paper, Double-sided Matte, Velvet Fine Art, plain paper

Borderless Sizes

4" x 6"; 5" x 7"; 8" x 10"; 8.5" x 11"; 11" x 14"; 12" x 12"; 13" x 19"; and panoramics

Special Media Support

Roll paper 4", 8.3" and 13" rolls

Light Resistance / Print Longevity**

Fade resistance of 104 years for Epson Premium Glossy Photo Paper, 150 years for Epson Matte Paper Heavyweight, and 200 years for Epson Watercolor Paper Radiant White, 300 years of dark storage

Paper Capacity

100 sheets plain paper
20 sheets photo paper
10 sheets matte paper

Dimensions and Weight (L x W x H)

Storage	24.2" x 12.6" x 9.1"
Weight	26.5 lb

Interface and Connectivity

Hi-Speed USB 2.0/IEEE 1394 FireWire

Operating Systems

Windows® USB – Windows 2000 and XP
Macintosh® USB – Macintosh OS X 10.2.4 or later

Software Included

Epson Print CD software, PRINT Image Matching® Plug-In for Adobe Photoshop, Epson Raw Print, NiK Multimedia Color Efex Pro 2.0 (3 sample filters)

Printer Language

Epson ESC/P® Expanded Raster Graphics Code

Color Management

Epson Standard, Epson Vivid Color, and Adobe RGB

Sound Level

47 dB(A)

Environmental Conditions

	Operating	Storage
Temperature	50 to 95° F	-4 to 14° F
Humidity (relative)	20 to 80%	5 to 85%

Safety Approvals

Safety standards	UL1950, CSA 22.2 No. 950
RFI	FCC part 15 subpart B class B, CSA C108.8 class B

Power Requirements

Rated voltage	120V AC
Rated frequency	50 - 60 Hz
Rated current	0.5 Amp (0.8 Amp max.)
Power consumption	Approx. 18W (Energy Star compliant), approx. 1W in Standby Mode

Ink Cartridges***

Black cartridge yield	550 pages ISO/IEC 10561 letter pattern 400 pages graphics at 5% coverage
Color cartridge yield	400 pages at 5% coverage per color
Gloss optimizer cartridge yield	400 pages at 5% coverage

Warranty

Standard one-year limited warranty in the U.S. and Canada including Epson Exchange program. Extended warranties available beyond one year.

* Color photo speed is in Photo mode on Premium Glossy Photo Paper. Additional processing time will vary based on system configuration, software application and page complexity.

** Fade resistance rating of 104 years with Epson Premium Glossy Photo Paper, and 200 years with Epson Watercolor Paper Radiant White, based on accelerated testing of prints displayed indoors, framed under glass. See www.wilhelm-research.com for test details and information on other Epson papers. Actual print stability will vary according to 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 properly store them.

*** For more information about supplies for this printer and cartridge yields, go to www.epson.com. Cartridge yields will vary with images printed, print settings, paper type and frequency of use. Printer ships with full cartridges and some ink from the first cartridges is used for initialization.



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