

Specifications

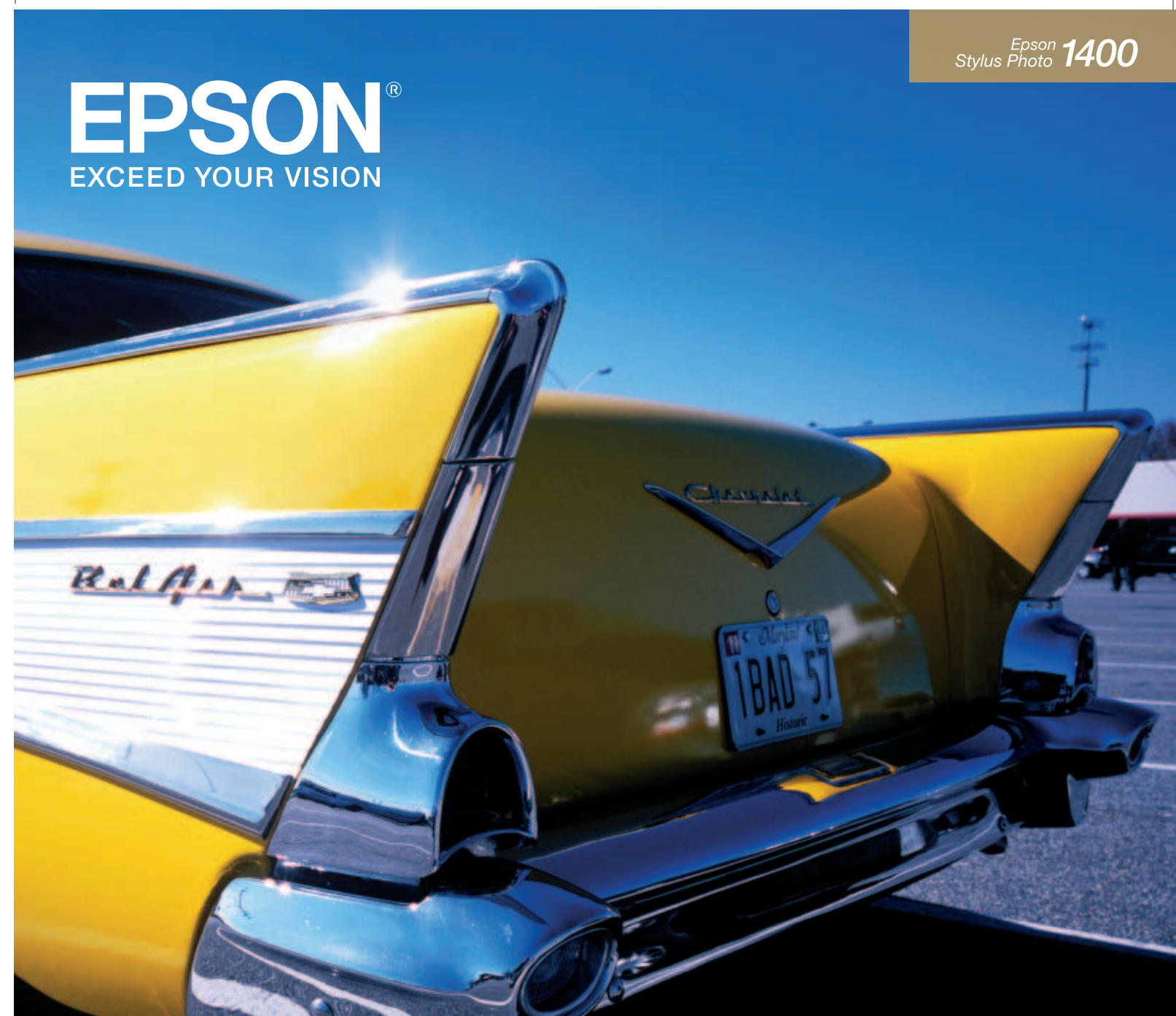
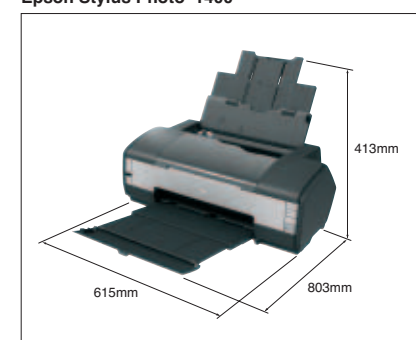
Model	Epson Stylus Photo 1400
Print Technology	A3+ Colour Inkjet Photo Printer; Epson Micro Piezo™ print head with Epson Variable-Sized Droplet Technology and 1.5pl Ultra Micro Dots™; 540 nozzles (90 nozzles each for Magenta, Cyan, Yellow, Light Magenta, Light Cyan, and Black)
Print Quality	Up to 5760 x 1440 optimised dpi on suitable media using RPM (Resolution Performance Management) SMGA
Print Speed* (A4 size)	111 seconds (at 720 x 720 dpi on Premium Glossy Photo Paper)
Interface	USB 2.0 (Hi-Speed)
Paper Handling	Automatic Sheet Feeder
Paper Support	Paper Size: A3+, A3, A4, A5, A6, Letter, Legal, B5, 4"x6", 12"x12", 7"x5", 3.5"x5", 11"x14", 11"x17" Epson media: Ultra Premium Glossy Photo Paper: A3+, A3, A4, 4x6, Premium Glossy Photo Paper: A3+, A3, A4, 4x6, Premium Semigloss Photo Paper: A3+, A3, A4, Archival Matte Paper: A3+, A3, A4, Matte Paper-Heavyweight: A3+, A3, A4, Double Sided Matte Paper: A4
Weight (Cut Sheet):	From 64 to 90g/m ² for plain paper (Premium Glossy Photo Paper = 255g/m ²)
Thickness (ASF)	0.08mm - 0.27mm
CD/DVD Printing	Yes
Maximum Printable Area (Cut Sheet)	329mm width x 483mm length
Print Margin:	0mm top, left, right and bottom via custom setting in printer driver; otherwise 3mm top, left, right, bottom
Software	Epson Creativity Suite (Epson Easy Photo Print, Epson File Manager; Epson Web to Page included in printer driver)
Dimensions (HxWxD) Storage	223mm x 615mm x 314mm
Printing	413mm x 615mm x 803mm
Weight	11.5kg (Main unit only)
Noise Level	47dBA (per ISO 7779)
Power Consumption Pattern	approx. 18W (when printing ISO/IEC 10561 Letter Pattern) approx. 1.3W in sleep mode
Temperature	10-35C (operating)
Humidity	20-80%RH (operating)

* Print Speed
Standard 8 x 10" of 'Bicycle' image used for print speed testing.
Print times will vary depending on computer configuration, print settings, application, coverage, and page complexity.



Dimensions

Epson Stylus Photo 1400

Epson
Stylus Photo 1400

Affordable, A3+ size 6-colour printing

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EPSON STYLUS™ PHOTO 1400

A new high in multi-purpose dye-based printing performance

At last there's a dye-based inkjet printer that can produce stunning 6-colour output that retains its beauty for years to come. Whether you're a digital photo enthusiast who wants big, beautiful prints to hang on the wall, a graphic designer who needs presentation-quality colour comps for clients in a hurry, or a business user who wants to produce cost-effective point-of-sale promotional materials in-house, the Stylus Photo 1400 offers the superb image quality and fade-resistance you've been waiting for.

Key Features

- A3+ paper handling** for big, beautiful photo prints
- Individual ink cartridges** for cost-efficient 6-colour printing
- New Claria photographic ink** for brilliant colour and outstanding fade-resistance
- Improved MicroPiezo print head** for significantly faster throughput
- 5760 x 1440 dpi optimised resolution** with 1.5-picolitre minimum droplet size
- 5-level droplet size control** for smoother gradations
- Direct CD/DVD printing** for professional-quality media labelling
- Advanced PhotoEnhance** image correction with face-detection technology
- Adobe® RGB support** for SLR-class digital photo printing



A major breakthrough in photo print quality and fade-resistance

Epson Claria photographic ink represents a major breakthrough in dye-based inkjet printing technology. Not only does it support a wider colour gamut than traditional photo-printing technologies, it is far more resistant to fading than previous dye-based inks. As a result, it offers print quality that rivals that of traditional photo printing.



Significantly improved print life

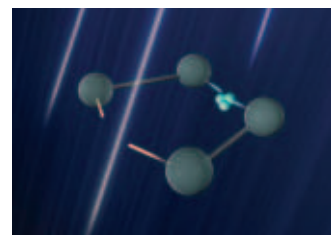


Claria photographic ink has been strengthened at a molecular level, making it extremely resistant to the fading that is caused by light and oxidised gasses such as ozone. Compared to photo prints made with previous dye-based inks,

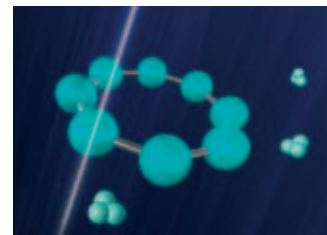
Claria ink photo prints retain their beauty longer under a wide range of conditions. Their potential album storage life is estimated at up to 200 years.*

*Please refer to www.epson-europe.co.uk for test conditions.

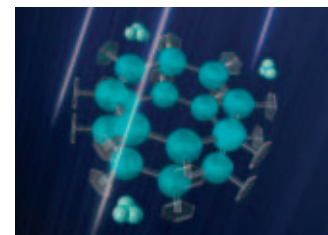
Fade-resistance at a molecular level



Previous dye-based ink molecules contained fewer atoms, and colours would fade because light and ozone or other oxidized gasses could destroy the bonds between the atoms.



The dye molecules in Claria ink are made up of more atoms. This ensures that the bonds between the individual atoms are stronger, and makes the molecules more resistant to damage.



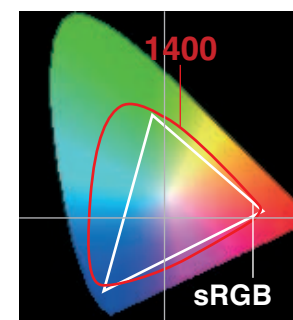
Claria ink dye molecules are further protected by atomic shields and aggregated into strong, dense clusters. The result is rich, vibrant, fade-resistant colour and significantly extended print life.

Conceptual representation of molecular structure

A wider colour gamut

Claria photographic ink has an expanded colour gamut with much richer blues and greens than the standard sRGB colour space, and can render them much more vividly than traditional photo printing methods. It also offers more deeply saturated yellows than previous EPSON dye-based inks.

Richer blues and greens than sRGB



The Stylus Photo 1400 Claria photographic ink has a wider gamut than sRGB, with a particularly rich palette of blue and green colour tones.

Cost-efficient individual ink cartridges

The Stylus Photo 1400 is equipped with separate ink cartridges for each of its six colours: cyan, light cyan, magenta, light magenta, yellow, and black. Because the cartridges can be replaced individually, the Stylus Photo 1400 offers much more cost-efficient operation than printers that use a single cartridge for all colours.

Replace only the colours you need



Separate cartridges for cyan, light cyan, magenta, light magenta, yellow, and black inks reduce waste by allowing individual cartridge replacement.





Advanced MicroPiezo head technology for significantly faster throughput

The Stylus Photo 1400 is the first A3+ size printer in our line-up to feature our advanced new MicroPiezo print head, and delivers world-famous Epson image quality at approximately 1.5 times the speed of the Stylus Photo 1290.

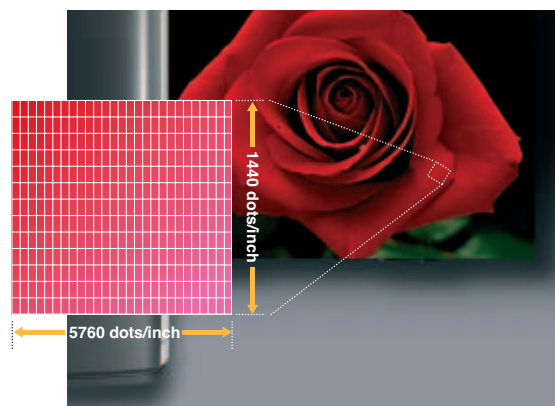
New MicroPiezo print head

Thanks to its advanced new MicroPiezo print head, the Stylus Photo 1400 can fire more ink droplets per second, achieving approximately 1.5x the throughput speed of the Stylus Photo 1290 with no sacrifice in image quality. It can also produce ink droplets as small as 1.5 picolitres, and print at optimised resolutions as high as 5760 x 1440 dpi.

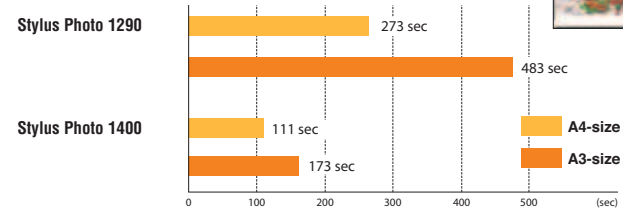
5-level droplet size control

The advanced new MicroPiezo print head also makes our Variable-Sized Droplet technology even more powerful, with 5-level droplet size control for cyan + light cyan and magenta + light magenta colour blending. The result is ultra-smooth gradations for even higher image quality.

Resolution and printing speed



Printing Speed Comparison



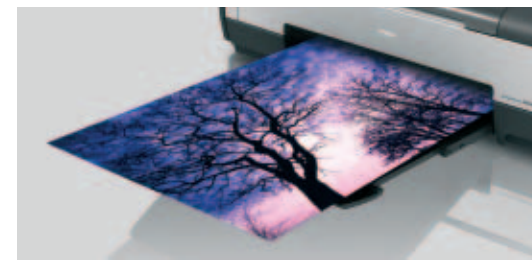
Measurement Conditions
 Print Size: 20.3 x 25.4 cm on A4-size paper, Media Type: Glossy Photo Paper, Resolution: 720 x 720 dpi
 Print Size: 28.9 x 36.1 cm on A3-size paper, Media Type: Glossy Photo Paper, Resolution: 720 x 720 dpi

Beautifully versatile printing on up to A3+ size media

With the Stylus Photo 1400 you can produce beautiful photo prints in sizes up to A3+ (approximately 329 x 483mm), create borderless prints, and even print on compatible CD and DVD media.

A3+ large-format printing

With A3+ media handling and Claria photographic inks, you can create beautiful, fade-resistant, gallery-size prints of your high-resolution digital photos.



Auto sheet feeder

The built-in Auto Sheet Feeder enables unattended operation during multi-page printing.



Borderless printing

Borderless printing gives your photo prints a professional look that will make you want to frame every one.



CD and DVD printing

A convenient tray for CD and DVD media makes it easy to print custom designs and labels directly on compatible media.





A wide range of output choices for optimum image quality

The Stylus Photo 1400 offers a wide range of colour output modes to suit the nature of the source material and subject matter you are printing, and the manner in which you intend to use the final output.

Colour output modes

Output Mode	Characteristics
Epson Vivid <small>(Default mode for the Stylus Photo 1400)</small>	→ Uses an advanced image-processing algorithm to assure optimum image quality with vivid colour.
Photo Enhance	→ Analyses image content and uses face-detection algorithms to assure optimum image quality on photos of people/scenery.
Adobe RGB	→ Takes advantage of the wider gamut of the Adobe® RGB colour space mode offered on some digital cameras.
Epson Standard	→ Provides faithful reproduction of sRGB colour space tonalities.
No Color Adjustment (ICC Profile)	→ Enables ICC colour profiles embedded by the originating software application to be used for colour management.

Exif Print and PRINT Image Matching support

Exif Print for easy photo printing from Exif-enabled digital cameras*

Exif Print makes it easy to produce high-quality colour photos directly from digital cameras that support the Exif Print standard. The digital cameras record shooting-parameter data with each image that can be used by the printer to ensure optimum image quality when the photo is printed.

* Effective only when printing from Epson Easy Photo Print or other applications that support the Exif Print standard.

PRINT Image Matching for high-fidelity photo printing from P.I.M.-enabled digital cameras*

PRINT Image Matching is an advanced, Epson-developed technology that assures that print output reflects the colour reproduction intended by digital camera manufacturers. Supported by a wide range of manufacturers, it makes it easy to obtain consistent colour reproduction and image quality.

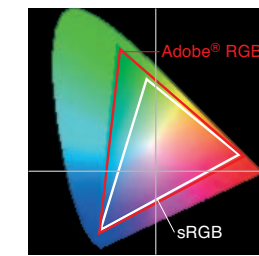
* Effective only when printing from Epson Easy Photo Print or other applications that support PRINT Image Matching.

Adobe® RGB mode printing

Easily selectable via the Stylus Photo 1400 printer driver interface, Adobe® RGB mode assures more faithful reproduction of photos taken in the wider Adobe® RGB colour space offered on many advanced digital cameras.

* Printer gamut not 100% equivalent to Adobe® sRGB colour space.

Adobe® RGB's wider colour gamut



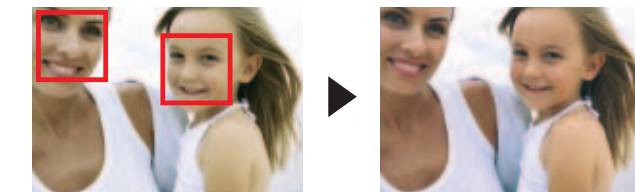
Epson PhotoEnhance

Improved new PhotoEnhance technology automatically analyses images to determine if they contain people, scenery, or other subjects and then performs optimum enhancement to suit the content.

In addition, it can correct colour even when images are backlit, poorly exposed, or have an unwanted colour cast.

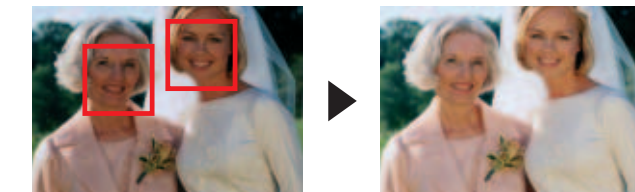
Unnatural skin tone correction

Advanced face-detection algorithms automatically identify and analyse primary subjects. Colour balance is then corrected to assure fresh, natural skin tones.



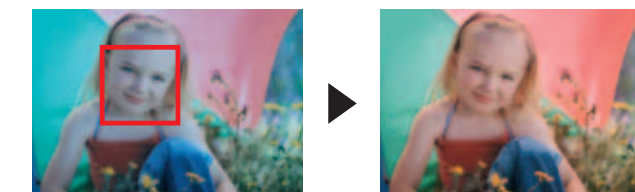
Backlight correction

When image analysis indicates that the main subjects are underexposed, PhotoEnhance optimises both exposure and colour balance to assure beautiful results automatically.



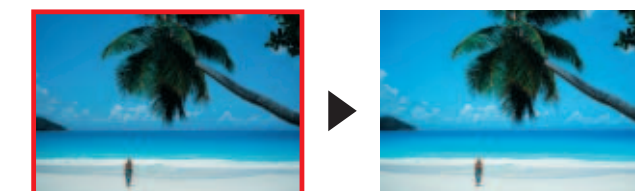
Colour cast correction

Unwanted colour tints, known as colour casts, can also be detected and automatically corrected to ensure consistently beautiful results without any user intervention.



Scenic photo colour correction

When analysis indicates that an image is a scenic photo, correction algorithms deliver the rich, saturated blue and green colour tones that are a hallmark of Epson inkjet printing.





PictBridge direct printing support

Support for the PictBridge standard enables you to access the powerful printing capabilities of the Stylus Photo 1400 directly from any PictBridge-enabled digital camera.

Quick and easy printing from your digital camera



With the Stylus Photo 1400, you don't even need to use a computer to print your digital photos. Simply connect a PictBridge-enabled camera to the printer with a USB cable — a print menu will be displayed on the camera's LCD monitor, enabling you to select the size, number, and type of prints you want.

* Layout and print size settings vary according to the make and model of digital camera.

Convenient direct printing from Epson Photo Viewers

The Stylus Photo 1400 also supports direct printing from Epson P-3000 and P-5000 Photo Viewers. In addition to large storage capacities — 40GB for the P-3000 and 80GB for the P-5000, these advanced viewers feature a new wide-gamut 4-inch Epson Photo Fine Ultra LCD monitor with a 4-colour filter that enables the monitor to display a gamut almost as wide as the Adobe® RGB colour space. The result is beautiful colour and faithful reproduction of original image data.

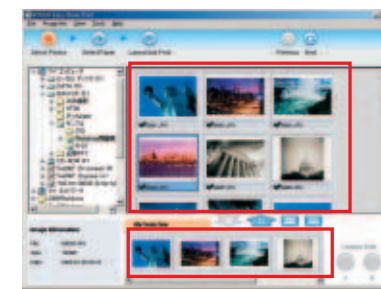


Hassle-free batch or single-image printing

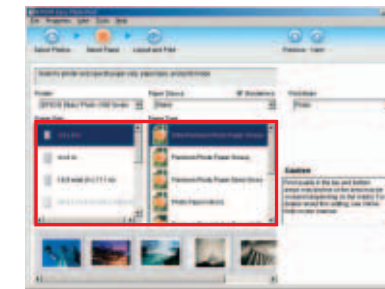
The Stylus Photo 1400 Epson Creativity Suite software includes Epson Easy Photo Print, a user-friendly program with a simple interface that makes powerful printing features accessible even to entry-level users.

Beautiful photo prints in 3 easy steps

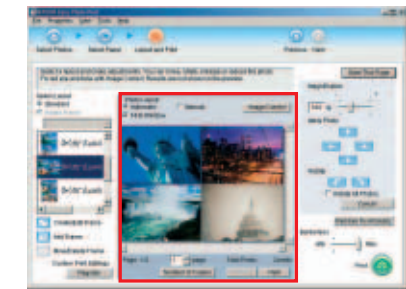
Select photo you want to print



Select printer and paper size/type



Select layout and press "Print"



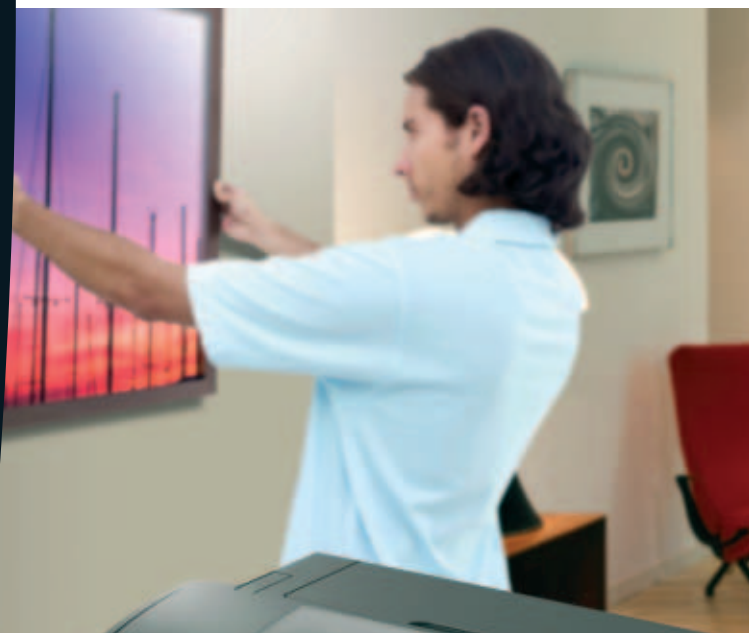
Epson Easy Photo Print features a simplified interface that enables users of all levels to quickly and intuitively produce beautiful, high-quality photos. But don't let its outstanding ease of use fool you — under the hood it's a powerful and versatile program that can even display and print many of the RAW format image files produced by more advanced digital cameras.





The printer for users who demand more

With its A3+ output capability and bright, fade-resistant Claria photographic ink, the Stylus Photo 1400 is a high-quality, high-performance printer with a wide range of potential applications.



A photographer's dream come true



The Stylus Photo 1400 is loaded with features that are sure to please digital photography enthusiasts. First and foremost, of course, is the stunningly beautiful image quality offered by Claria photographic ink and optimised 5760 x 1440 dpi MicroPiezo printing. Colours are bright, vivid, and resistant to fading, with smooth gradations and fine detail. Add A3+ size paper handling and Adobe® RGB support, and you've got a photographer's dream come true.

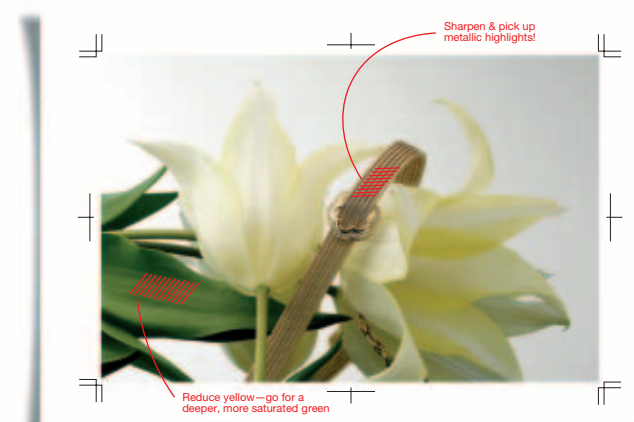
A great choice for businesses, too



Offices and small businesses that need high-quality colour output are also sure to be impressed with the Stylus Photo 1400 feature set. Not only will they appreciate being able to produce professional-looking catalogues, direct mail, and other sales tools in-house, they'll like the significant boost in throughput speed offered by the Stylus Photo 1400 improved MicroPiezo print head, and the cost efficiency of its individual Claria photographic ink cartridges.



A sure hit with design studios





Designers and illustrators tend to be technically savvy, cost-conscious customers, making the Epson Stylus Photo 1400 ideal for their needs. Not only will its fast printing help to meet deadlines and get jobs done in less time, its truly professional, 6-colour output will impress clients and help win new business. What's more, the long-lasting beauty of Claria photographic ink will keep your portfolio looking fresh and up-to-date for years to come.





Stylus Photo 1400 vs. Stylus Photo 1290

A quick look at the differences between the Stylus Photo 1400 and its popular predecessor, the Stylus Photo 1290.

	Epson Stylus Photo 1400 	Epson Stylus Photo 1290 
Size	A3+	A3+
Ink type	Dye (Claria)	Dye
Ink colours	6 colours: C/M/Y/Lm/Lc/K	6 colours: C/M/Y/Lm/Lc/K
Individual I/C	Yes	No
Lightfastness	Good	Poor
Resolution	5760x1440 optimized resolution	2880x720
Minimum droplet size	1.5pl	4pl
Print head nozzles	6 x 90	6 x 48
Speed		
Max. Plain Paper (Black)	15 ppm	9.4ppm
Max. Plain Paper (Colour)	15 ppm	9.0ppm
8x10 on A4 Glossy (720x720)	111 sec	273 sec
8x10 on A4 Glossy (1440x720)	-	-
A3 Glossy (720x720)	173 sec	483 sec
A3 Glossy (1440x720)	-	-
Borderless printing	Yes	Yes
Supported media widths	4"x6"-13"x19" (A3+)	4"x6"-13"x19" (A3+)
Roll paper	No	Yes
FA paper	No	No
CD/DVD print	Yes	No
I/F	USB2.0	USB1.1, Parallel
PictBridge support	Yes	No
Adobe RGB mode	Yes	No



High image quality, faster throughput, and longer print life

Although the Stylus Photo 1400 and the Stylus Photo 1290 are both 6-colour printers with A3+ size paper handling, the Stylus Photo 1400 offers significant performance advantages. In terms of print quality, the Stylus Photo 1400 boasts a minimum droplet size of 1.5 picolitres, vs. 4 picolitres for the Stylus Photo 1290. The most pronounced difference, however, is in the Stylus Photo 1400 Claria photographic ink and improved MicroPiezo print head. Not only does Claria ink

offer far superior fade-resistance, the improved print head assures smoother gradations and approximately 1.5 times the throughput speed at equivalent resolution. In addition, the Stylus Photo 1400 offers the cost efficiency of individual ink cartridges, whereas the Stylus Photo 1290 uses a single ink cartridge for all colours except black.

Stylus Photo 1400 vs. Stylus Photo R1800

A quick look at the differences between the Stylus Photo 1400 and the Stylus Photo R1800.

	Epson Stylus Photo 1400 	Epson Stylus Photo R1800 
Size	A3+	A3+
Ink colours	Dye (Claria)	Pigment (UltraChrome Hi-Gloss)
Type of color	6 colours: C/M/Y/Lm/Lc/K	8 colours: C/M/Y/Pk/Mk/Bule/Red/GO
Individual I/C	Yes	Yes
Lightfastness	Good	Excellent
Resolution	5760x1440 optimized resolution	5760x1440 optimized resolution
Minimum droplet size	1.5pl	1.5pl
Print head nozzles	6 x 90	8 x 180
Speed		
Max. Plain Paper (Black)	15 ppm	13ppm
Max. Plain Paper (Colour)	15 ppm	6.5ppm
8x10 on A4 Glossy (720x720)	111 sec	-
8x10 on A4 Glossy (1440x720)	-	71 sec
A3 Glossy (720x720)	173 sec	-
A3 Glossy (1440x720)	-	112 sec
Borderless printing	Yes	Yes
Supported media widths	4"x6"-13"x19" (A3+)	4"x6"-13"x19" (A3+)
Roll paper	No	Yes
FA paper	No	Yes
CD/DVD print	Yes	Yes
I/F	USB2.0	USB2.0, IEEE1394
PictBridge support	Yes	No
Adobe RGB mode	Yes	Yes

The printer for those who demand still more

The primary differences between the Stylus Photo 1400 and the Stylus Photo R1800 are attributable to the inks they use. Where the Stylus Photo 1400 uses dye-based Claria photographic ink, the Stylus Photo R1800 uses pigment-based Ultrachrome Hi-Gloss ink that offers a wider colour gamut and better archival life, as well as excellent short-term colour stability. In addition, the Stylus Photo R1800 accepts roll and fine art paper, and because it has twice as many ink nozzles, it prints

much faster. The affordable Stylus Photo 1400 may be a more attractive choice for amateur photographers and business users with general colour printing needs, but for users who are serious about photography, and want the finest, most fade-resistant print quality, the Stylus R1800 is the printer of choice.