

# COMPACT PRINTER, SCANNER AND COPIER WITH INDIVIDUAL INKS

- Compact, affordable all-in-one
- Print everything from letters to borderless photos
- Save money with individual inks – only replace the colour used
- Epson DURABrite Ultra Ink for high-quality documents and lab-quality photos
- Prints resist water, smudging and can be used with highlighter pens
- Adjust the colour and contrast of your images with Epson PhotoEnhance
- Remove red-eye with Epson Easy Photo Print



RECOMMENDED INKS\*<sup>1</sup>

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## Epson DURABrite Ultra Ink

Save money. With Epson DURABrite Ultra individual ink cartridges you only replace the colour used.

- T0891    • T0892    • T0896
- T0893    • T0894

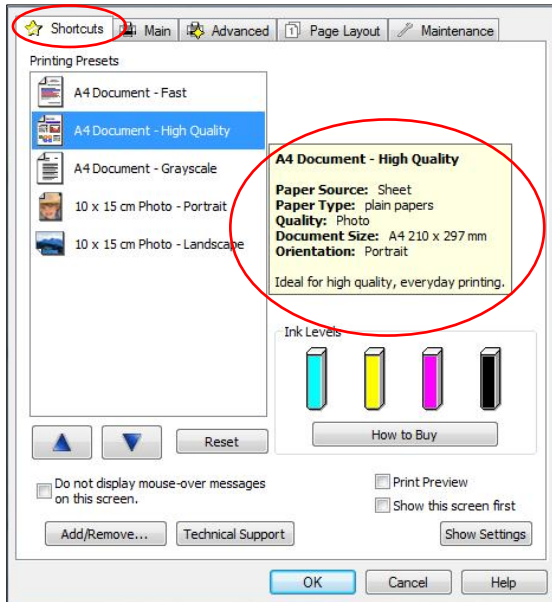


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- Make sure you select the correct driver and media settings.
- Select Text mode for printing high-quality text documents, or Photo for high-quality photos.
- Choose the correct paper settings - e.g. select 'Premium Glossy Photo Paper' for the best photo quality on glossy paper.
- To achieve high quality photo prints, it is recommended that Epson media is used.
- Choose the 'Borderless' photo setting to get true edge-to-edge printing without any white borders.
- This Epson printer includes a permanent Micro Piezo™ print head. This means that a head alignment should not be required during the set-up process.

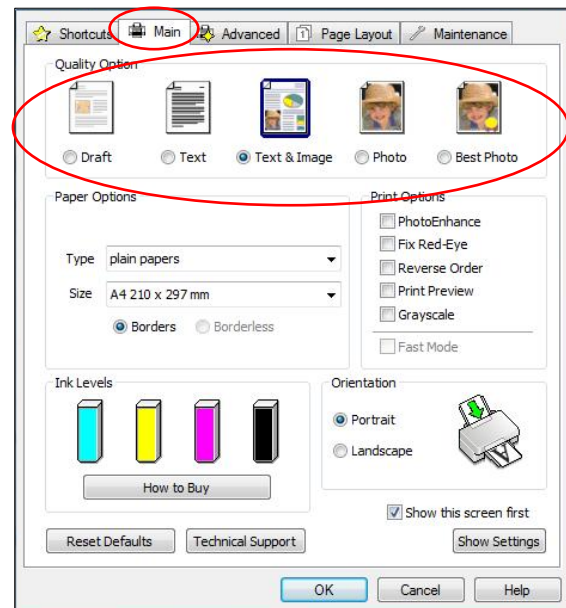
### Shortcuts

The Shortcut menu below can be used to make a quick and easy selection of the print settings required. When each printing preset is selected, a brief description of the setting is given. To access, go to the **Print** menu and select **Shortcuts**.



### Driver Settings

The driver settings can be controlled manually too. It is important to select the appropriate settings before printing, to achieve the best results. Start by selecting the **Main** tab in the driver.



#### Text Printing

Select **Draft** on the printer driver for economical high speed text printing.

Select **Text** mode for printing high-quality text documents.

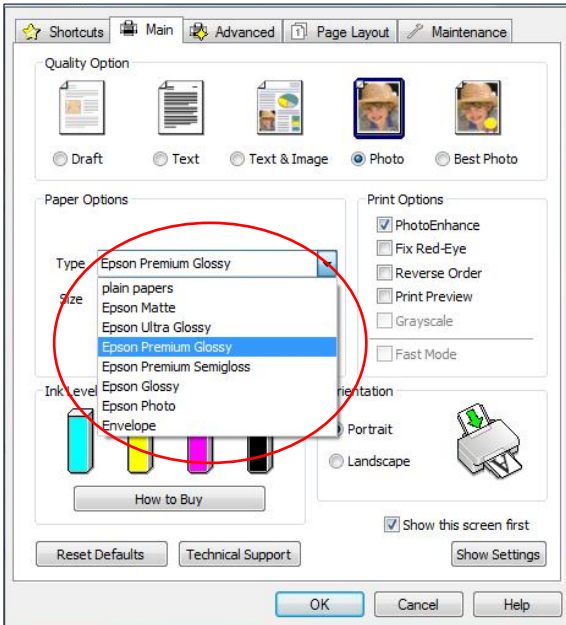
Select **Text & Image** for printing high-quality colour documents with images.

#### Photo Printing

Select **Draft** mode for printing photo proofs.

Select **Photo** mode for standard day-to-day photographic printing.

Select **Best Photo** mode for high-quality photographic printing, such as album images.



## Media Settings

To get the best from an Epson printer, it is important to choose the correct media setting.

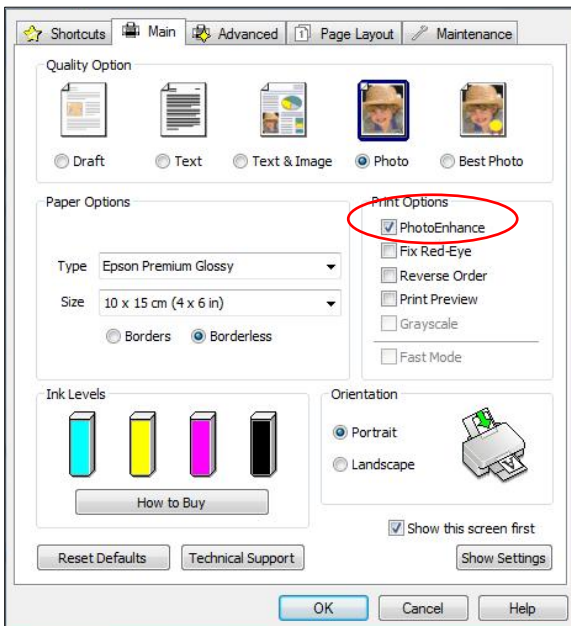
This can be done by selecting the appropriate media from the drop-down menu (see image to the left).

For optimum photo quality, Epson Premium Glossy media is recommended

## Epson PhotoEnhance

When selected, Epson PhotoEnhance automatically adjusts colour and contrast to your photos to ensure perfect results.

It is a default setting for printing photos on glossy media, however as you can see below, it can be turned off by clicking on the tick box.



Before



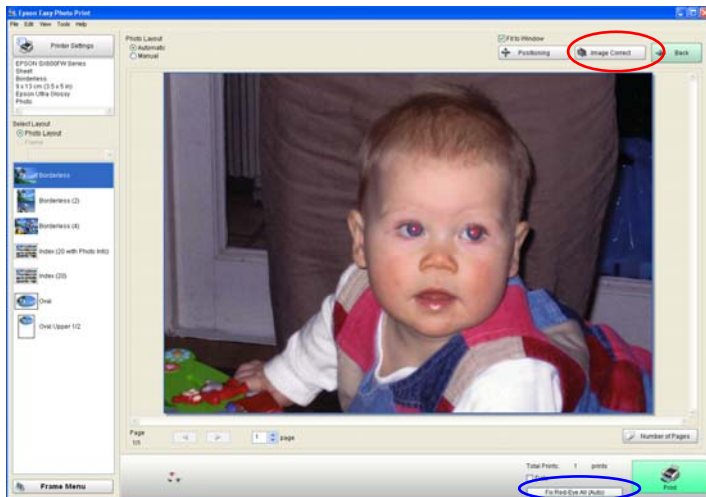
After

## Epson Easy Photo Print

Epson Easy Photo Print software is included with all Epson inkjet printers. It offers easy-to-use functions such as PhotoEnhance, red-eye removal and adding frames.

To access, go to **Start, All Programs, Epson Software** and select **Epson Easy Photo Print**. Select the image or images then click the **Next Step** button on the bottom right.

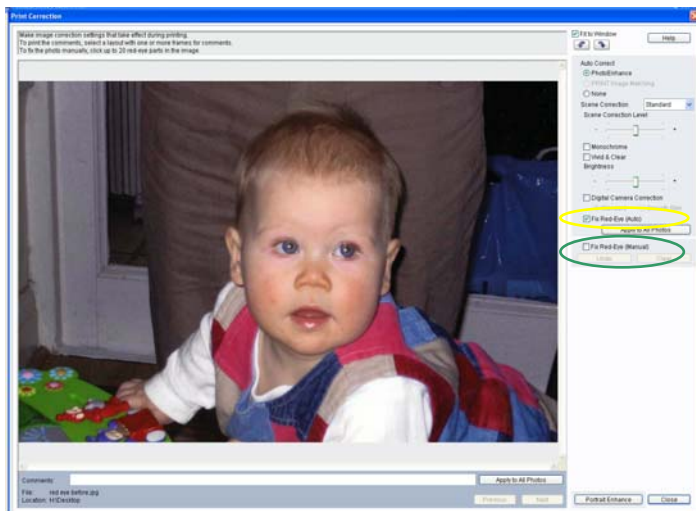
### Red-Eye Removal



You can click on **Fix Red-Eye All** (circled here in blue) for automatic red-eye removal.

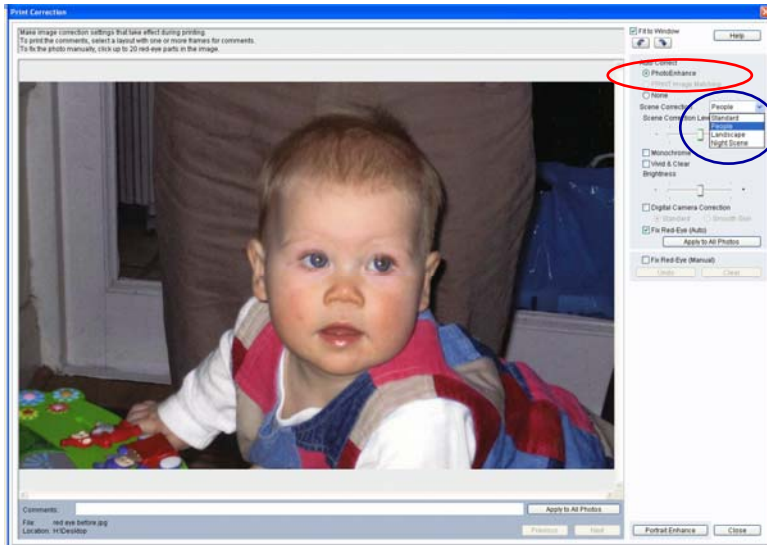
*Please note that this function will not show a preview on your screen; however, the image will be printed without red-eye.*

You can also manually or automatically remove red-eye, with a preview, by clicking on the **Image Correct** button (circled in red).



**Image Correct** will take you to the screen shown here. You can then choose to remove red-eye manually (circled in Green) or automatically (circled in Yellow).

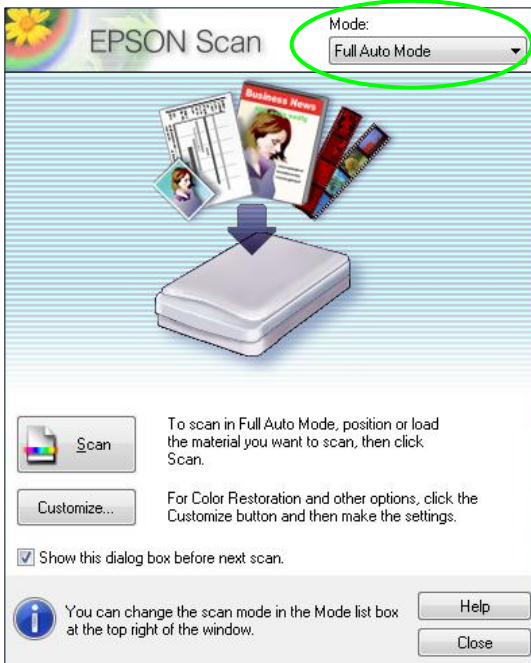
## PhotoEnhance



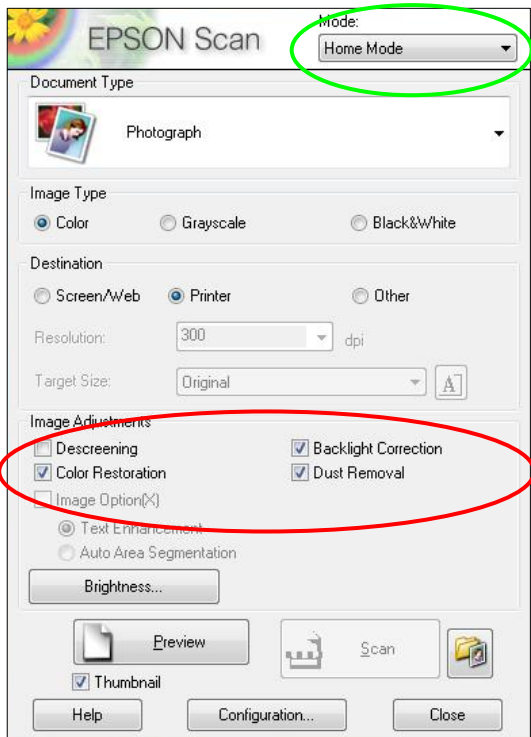
PhotoEnhance can also be accessed via Epson Easy Photo Print as you can see below (circled in red). Once it is selected, you can then choose the preferred Scene Correction (circled in blue).

With PhotoEnhance and Red-Eye Fix (Auto) selected, the image can be previewed before printing.

Epson Scan is a TWAIN Driver that can be accessed as a stand-alone desktop application or through a third party imaging program. It can be used for scanning documents and images and there are four modes.



The first option is **Full Auto Mode** which is the default setting, ensuring that scanning is simple. The driver automatically recognises the type of media and scans to an ideal pre-set resolution with one press of the “Scan” button. Additionally, the driver pinpoints the media on the flatbed and automatically crops and adjusts the image.

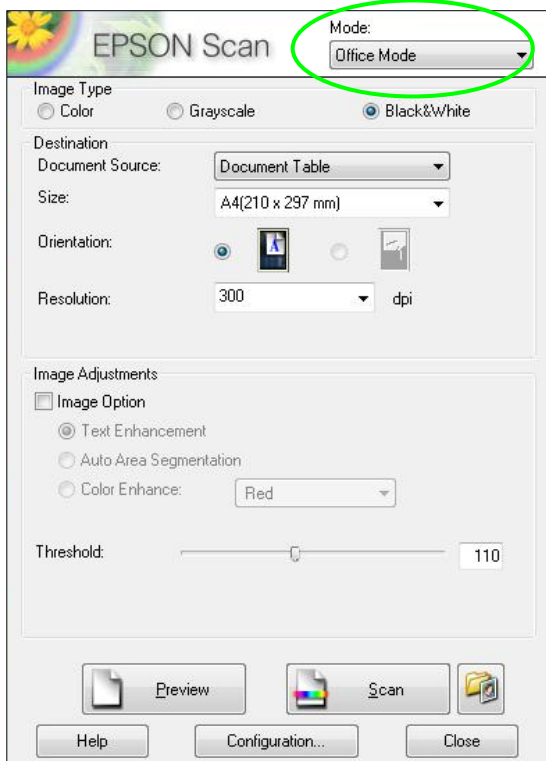


Another option is **Home Mode** which features scan settings such as automatic sizing and document type. This is ideal for advanced amateurs.

You will be able to access Epson Easy Photo Fix™ (in the red box) via this mode. It consists of Colour Restoration, Backlight Correction and Dust Removal.

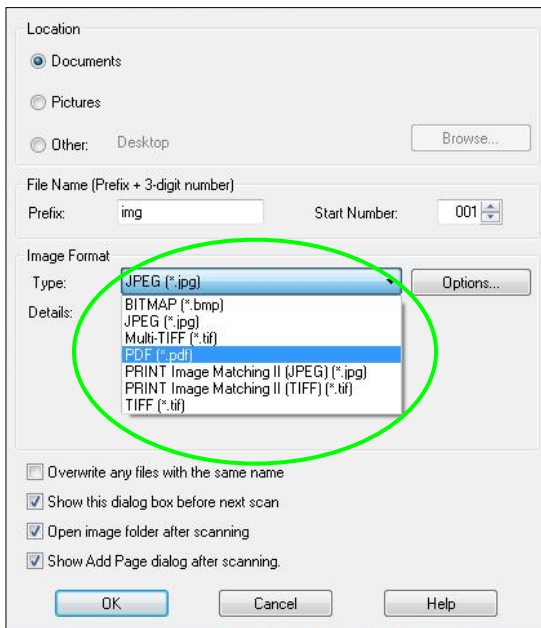
These functions can be used to restore colour, remove dust and correct backlight to damaged images.

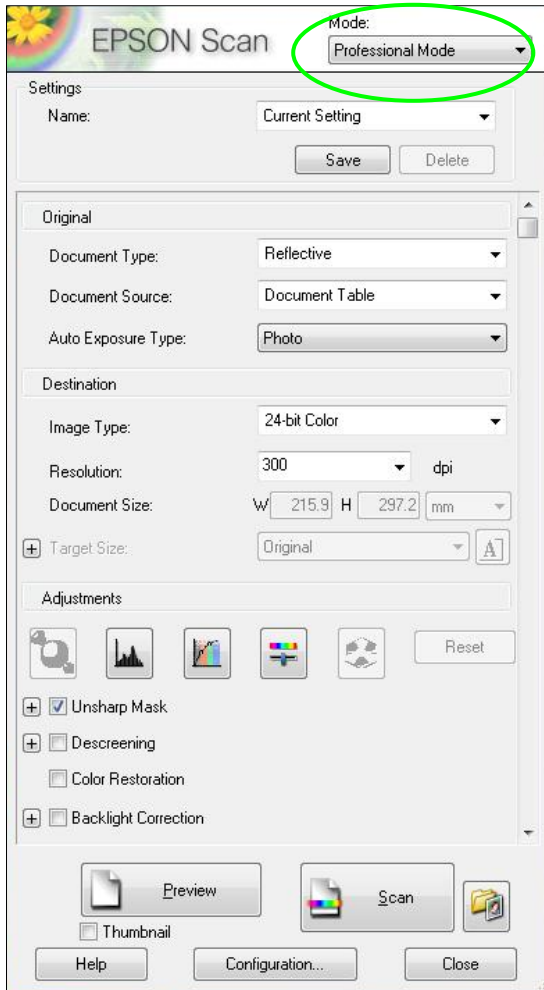




The third option is **Office Mode** which allows users to easily scan documents.

This mode can also be used to scan to PDF. To do this, place the documents on the scanner, press scan, then select PDF from the drop-down menu for Image Format as you can see below.





The final option is **Professional Mode** which allows complete user control of scan settings and advanced controls, such as histogram adjustment and tone correction.

Other features include automatic exposure, multiple crop frames, densitometer and a document mode available for more advanced users.

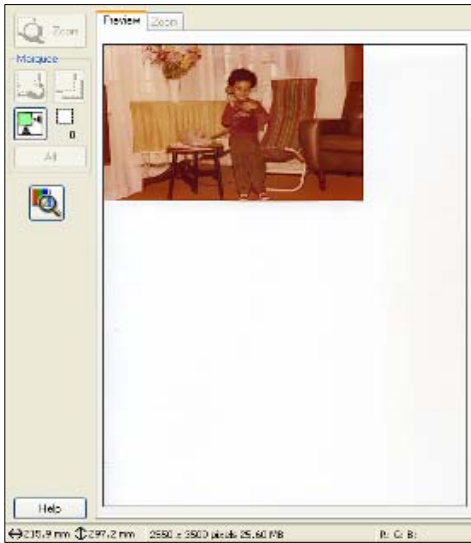
Images and documents can also be previewed first before scanning.

As you scroll down, Epson Easy Photo Fix™ is also available in this mode.

## Preview Screen

The Epson Scan driver allows you to preview images or documents before scanning in Home, Office and Professional modes. This can be done by pressing the Preview button and it is especially useful when using the colour restoration function as can be seen below.

Preview without Colour Restoration:



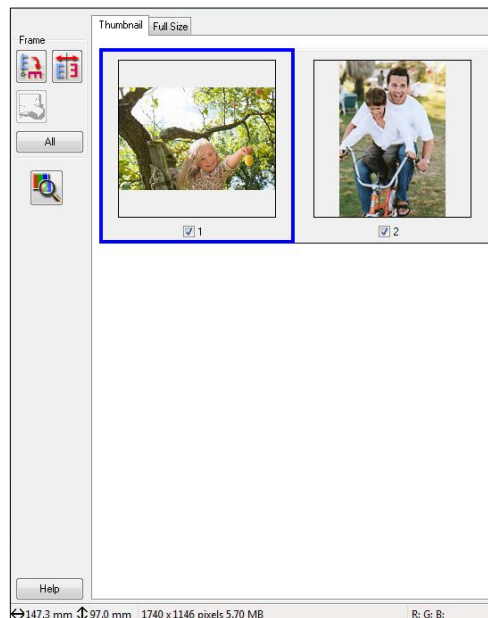
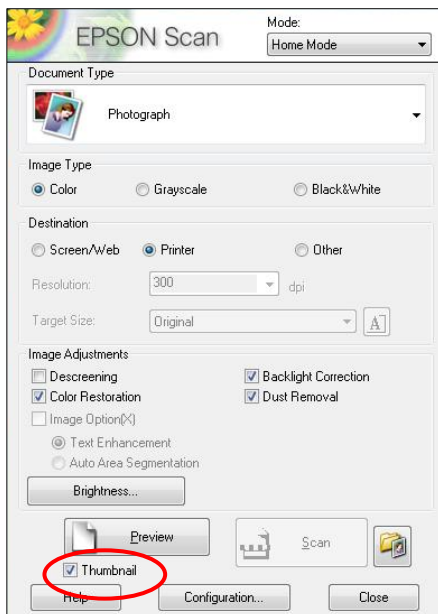
Preview with Colour Restoration turned on:



## Scanning Multiple Images

Multiple images can be scanned by placing them approximately 2mm apart on the scan bed (number of images will depend on the size).

To do this, make sure that Thumbnail (circled in red) is selected before proceeding.

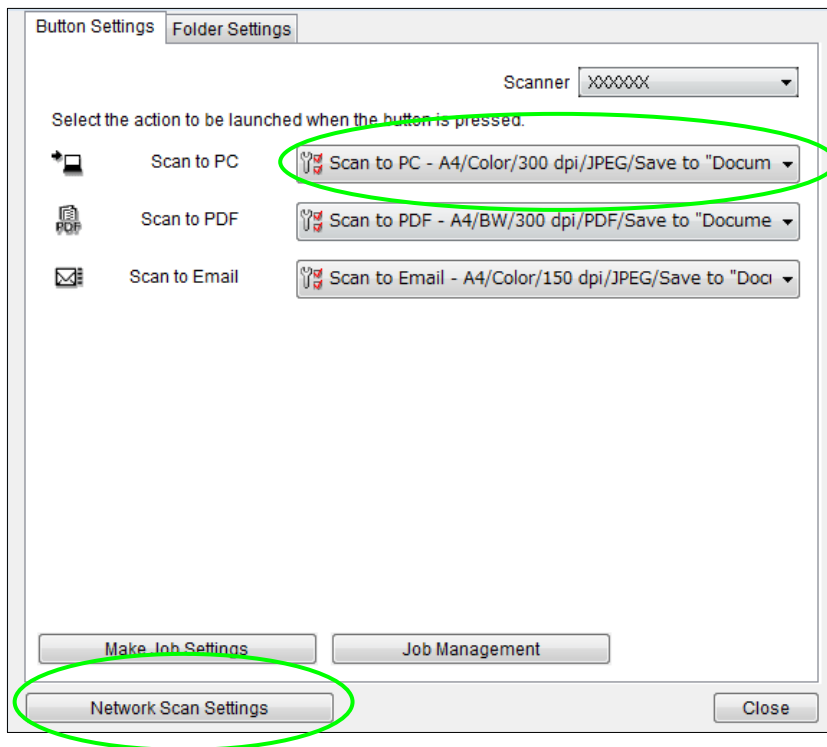


The image or images can then be previewed as you can see above and then scanned. These will automatically be saved into separate files.

The Epson Stylus SX110 Series can be used without a PC to carry out the following functions:

- Copy documents – to do this, press the black and white or colour button
- Quick copies - If you want to make a copy quickly and do not need high quality, you can print using the 'draft' setting. The print quality is reduced, but the speed increases. To do this, you must:
  1. Load **A4 plain paper**.
  2. Hold down the **Stop** button, then hold down the **Black and White** or **Colour** button simultaneously.
- Use the **Scan** button to automatically scan documents or photos to your PC. Epson Event Manager must be installed first (this will be automatically installed with the driver unless Custom settings is selected).

The default setting will save scans as JPEG, however this can be changed through Epson Event Manager to other formats such as PDF. To do this, use the drop down menu to select one of the default settings for **Scan to PC** or select **Make Job Settings** to create the desired settings.



Epson's DURABrite Ultra Ink is an advanced pigment-based ink technology that encapsulates the ink particle in a protective resin coating.

- High-quality documents
- Vivid, sharp colour graphics
- Ideal for everyday printing and lab-quality photos
- Prints resist water, smudging and can be used with highlighter pens, ideal for printing important reports and archival documents
- Glossy photos last over 200<sup>2</sup> years when stored in a photo album
- Better results with inks - excellent colour gamut for vivid prints meaning better coverage and higher colour concentration
- Print on a variety of different media

#### **Evaluating Water Resistance – Test A**

1. Using plain paper or Epson Premium Glossy Photo Paper, print an output sample of your choice using the Epson Stylus SX110 Series.
2. Pour tap water over the image and look for smudging of the inks. You will notice that the ink stays in place and your output sample remains unharmed.
3. For a comparison, perform a similar test with competing models using the instructions above.

#### **Evaluating Smudge Resistance – Test B**

1. Print a text document using plain paper.
2. Using a normal office highlighting pen, highlight a line of text - start from the left and continue the stroke once to the end of the line.
3. For a comparison, perform a similar test with competing models using the instructions above.

## Global Problem: Water as a Scarce Resource

Among various global problems, scarcity of water is one of the major concerns today. Although 2/3 of the surface of our planet is covered with oceans, humans can only use 0.01% of its water resources (See Figure 1-A).

Water resource problems have been compounded by deforestation, desertification, and the over-cultivation of crops. Furthermore, usable water is contaminated by industrial waste as our economy develops.

As you can see in figure 1-B, the rate of water contamination increases with industrial growth. Polychlorinated biphenyl (PCB) is considered to be a cause of cancer and other problems, and when water is contaminated with industrial wastes, toxins such as PCB are preserved in fish, shellfish and other living organisms. When these are consumed by humans the toxins they contain can cause serious physiological problems.

To deal with water resource problems, we need to economize our use of water, and avoid reducing the proportion of usable water, by keeping rivers and seas as clean as possible.

**Figure 1-C  
Breakdown of Water Usage**

Agricultural Use	30%
Sanitation Use	15%
Industrial Use	40%
Domestic Use	10%
Others	5%

**Figure 1-A  
Breakdown of Water on Earth**

Seawater	97.5%
Fresh Water	2.5%
Icebergs/Glaciers	1.76%
Groundwater	0.73%
Usable Water	0.01%

**Figure 1-B  
Industrial Development and Rate of Water Contamination**

If all of the Earth's water is compared to the water in a metal drum, only two spoonfuls of that water can be used. That is why we need to learn and work toward resource management.

Competitor Ink

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Test B

Test A

Test A

	BLACK	CYAN	MAGENTA	YELLOW
<b>Recommended inks*<sup>1</sup></b>	● <b>T0891</b>	● <b>T0892</b>	● <b>T0893</b>	● <b>T0894</b>
ISO Yield	Approx. 170 pages	Approx. 275 pages	Approx. 155 pages	Approx. 250 pages
Also available	T0711	T0712	T0713	T0714
ISO Yield	Approx. 255 pages	Approx. 515 pages	Approx. 285 pages	Approx. 485 pages

The above page yields were based on ISO/IEC 24711 and 24712 and measured using the following colour page test suite.



EPSON PAPER

For the best quality photos, Epson recommends its range of glossy photo papers to give you great results everytime.

PHOTO PAPER

A good quality photo paper, ideal for everyday use

GOOD



10x15 cm	70 sheets	S042157
13x18 cm	50 sheets	S042158
A4	25 sheets	S042159

GLOSSY PHOTO PAPER

A better quality photo paper, ideal for regular home photo printing

BETTER



10x15 cm	50 sheets	S042176
13x18 cm	40 sheets	S042156
A4	20 sheets	S042178

PREMIUM GLOSSY PHOTO PAPER

The best premium quality photo paper, ideal for special occasions and treasured memories

BEST



10x15 cm	40 sheets	S042153
13x18 cm	30 sheets	S042154
A4	15 sheets	S042155

## PRODUCT SPECIFICATIONS

## PRODUCT REVIEW KIT

<b>PRINT TECHNOLOGY</b> Printing method Nozzle configuration Droplet size Ink system	4-colour inkjet printer, Epson Micro Piezo™ print head 90 nozzles black/29 nozzles, each colour (cyan, magenta, yellow) 4 pl (minimum) with Variable-sized Droplet Technology Epson DURABrite Ultra Ink
<b>PRINT RESOLUTION</b>	Up to 5760x1440 optimised dpi on suitable media using RPM (Resolution Performance Management)
<b>PRINT SPEED</b> Black text A4 Colour text A4 Photo 10x15 cm	Up to 30 ppm*2 Up to 15 ppm*2 Approx. .89 secs*2
<b>SCANNING</b> Technology Sensor type Scan resolution Speed	A4 Flatbed colour image scanner CIS 600x1200 dpi Black A4: 300 dpi 4 msec/line, 600 dpi 12 msec/line Colour A4: 300 dpi 5 msec/line, 600 dpi 15 msec/line
<b>INTERFACE</b>	USB – Compatible with USB 2.0 Specification*3
<b>PAPER HANDLING</b> Capacity Media size  Print margin	Input: 100 sheets, A4 plain paper (75 g/m <sup>2</sup> ) A4, Letter, Legal, 20x25 cm, 13x20 cm, 13x18 cm, 10x15 cm, 9x13 cm, A5, A6, B5, 16:9 wide size, Envelopes: No.10, DL, C6 0 mm top, left, right, bottom via custom settings in printer driver*4
<b>INK CARTRIDGES</b>  <b>Recommended ink cartridges*1</b> Also Available	4 individual ink cartridges Black      Cyan      Magenta      Yellow <b>T0891    T0892    T0893    T0894</b> T0711    T0712    T0713    T0714
<b>ELECTRICAL SPECIFICATION</b> Power consumption  Voltage	Approx. 16.1W (stand-alone copying, ISO10561 Letter) Approx. 2.0W (sleep mode) ENERGY STAR® qualified all-in-one AC 220-240V
<b>OPERATING SYSTEMS</b>	Windows 2000/XP/XP-x64/Vista, Mac OS 10.3.9 or later
<b>WARRANTY</b>	1 year standard warranty Optional extension to 3 years subject to availability
<b>GENERAL</b> Dimensions (WxDxH) Weight Noise level	434x327x185 mm 4.6 kg (excluding ink cartridges and power cable) 5.7 B (A) (according to ISO7779 pattern with Epson Premium Glossy Photo Paper/Photo RPM mode) 43 dB (A) (according to ISO9296)
<b>SOFTWARE</b>	Epson Easy Photo Print Epson Event Manager Epson Web-to-Page (Not compatible with Windows Vista, XP x64 and Mac OS X) ABBYY FineReader® 6.0 Sprint Plus (PC) – Epson Stylus SX115 ABBYY FineReader® 5.0 Sprint Plus (Mac) – Epson Stylus SX115

\*1 Recommended ink cartridges. For full cartridge compatibility refer to the user documentation or visit [www.epson-europe.com](http://www.epson-europe.com)

\*2 For more information, please visit [www.epson-europe.com](http://www.epson-europe.com)

\*3 USB cable required for PC/Mac use (not supplied in box)

\*4 Otherwise 3 mm top, left, right, bottom



Better Products for a Better Future™

For further information please contact your local Epson office or visit [www.epson-europe.com](http://www.epson-europe.com)

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