

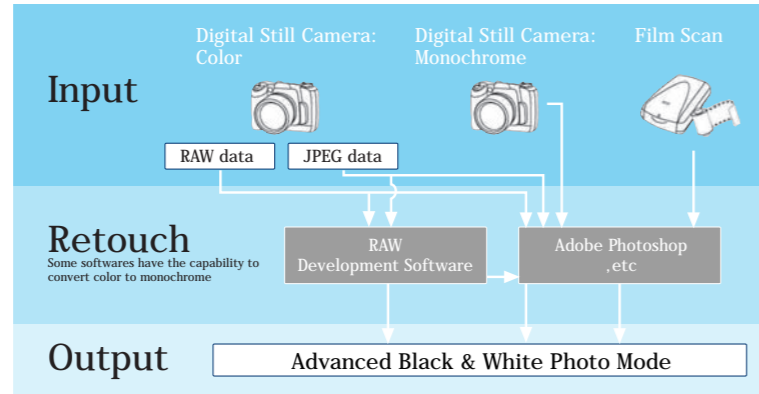
## Advanced Black & White Photo Mode

### For rich B&W Photos

For the discriminating black and white photographer who demands the utmost in monochrome reproduction, the EPSON Stylus™ Photo R2400 offers excellent quality which rivals traditional silver-halide processes. Featuring 3 shades of black with the new Light Light Black, this printer produces an expanded tonal scale never before seen. Image control can be performed exclusively through new printer driver.

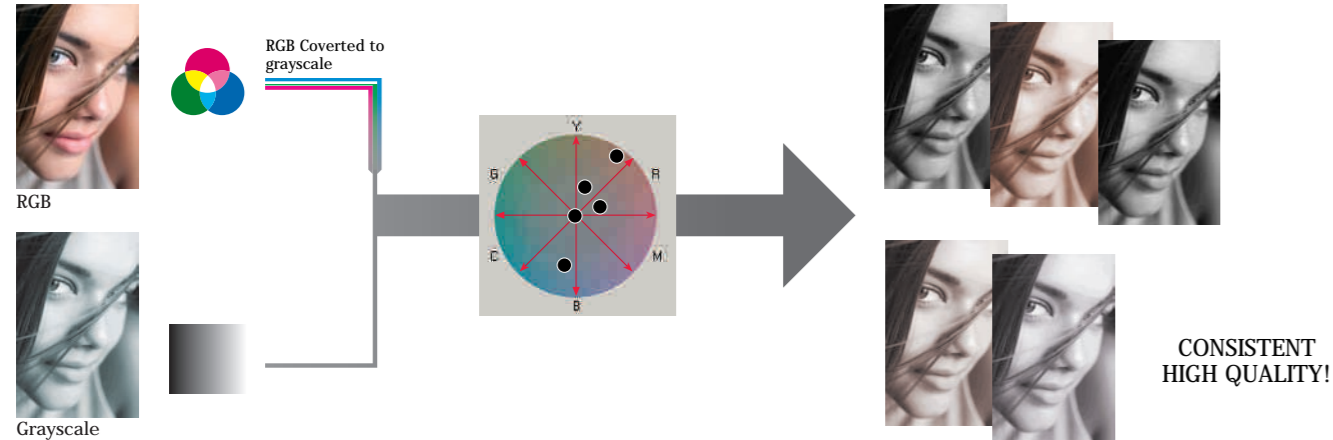
### Advanced Black & White Photo Mode Workflow

EPSON printers fit perfectly into digital photography workflow. Excellent output device that works well with imaging software for photo preparation and retouching.



## Advantage of Black & White Photo Mode

In order to fully utilise EPSON UltraChrome™ K3 Ink, Epson has concentrated printer control in the advanced B&W Photo mode solely on functions needed to produce beautiful professional black and white prints. Thanks to the three-level black inks and low saturation colour inks (such as Light Cyan and Light Magenta) and the Advanced B&W mode, subtle and accurate toning is now available.



## Intuitive, easy-to-use B&W image control

### Tone Adjustment

Change the density of mid-tones. Pre-set tone adjustment settings of normal, light, dark, darker and darkest are included.

### Color Toning

Allows changing of tones by adding color casts to the image. Pre-set toning values for neutral, cool, warm and sepia. Settings can be saved.

### Brightness

Adjust overall brightness of image.

### Shadow Tonality Adjustment

EPSON makes adjusting the density of shadow areas easy, compared to silver-halide process.

### Contrast

Adjust overall contrast of image.

### Max Optical Density

Allows reduction of the overall maximum density to create high-key images.

### Highlight Point Shift

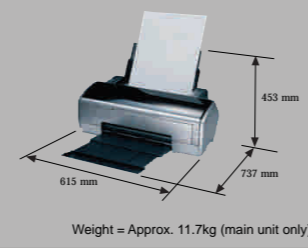
Allows printing on specular highlights which will give prints a smoother look as ink covers the entire surface of the media.

### Highlight Tonality Adjustment

Allows the adjustment of the density of highlight areas.

The screenshot shows the 'Advanced B&W Photo' printer driver interface. It includes sections for 'Printer Color Management', 'Color Toning', 'Tone', 'Brightness', 'Contrast', 'Shadow Tonality', 'Highlight Tonality', and 'Max Optical Density'. A color wheel is also visible for manual adjustments.

## EPSON STYLUS™ PHOTO R2400



\*Print Speed Note

The thumbnail image below shows the printout patterns used to determine print speed specifications.



8 x 10" of "Bike" image used for print speeds. Print times will vary depending on computer configuration, print settings, application, coverage and page complexity.

### SUPPLIES

EPSON UltraChrome™ K3 Ink

T0591	Photo Black
T0592	Cyan
T0593	Magenta
T0594	Yellow
T0595	Light Cyan
T0596	Light Magenta
T0597	Light Black
T0598	Matte Black
T0599	Light Light Black

## Specifications

<b>SIZE</b>	A3+	
<b>PRINTER TYPE</b>	Printing Method Nozzle Configuration	On-demand ink jet (piezoelectric) 180 nozzles x 8 colours (Cyan, Magenta, Yellow, Light Cyan, Light Magenta, Light Black, Light Light Black, Photo Black or Matte Black)
<b>PRINT QUALITY</b>	Maximum Resolution Maximum Ink Droplet Size	Up to 5760 x 1440 optimised dpi with EPSON Variable Sized Droplet Technology 3.5pl
<b>PRINT SPEED*</b>	80 seconds	
<b>PAPER HANDLING</b>	Automatic Sheet Feeder / Roll Paper Path	
<b>MEDIA SUPPORT</b>	Paper Size Weight (Cut Sheet) Thickness (ASF) Thickness (Manual - Roll) Thickness (Manual - Front) Max. Printable Area Print Margin	A3+, A3, A4, A5, A6, Letter, Legal, B5, 4"x6" From 64 to 90g/m <sup>2</sup> for plain paper (Premium Glossy Photo Paper = 255g/m <sup>2</sup> ) 0.08mm - 0.27mm 0.29mm - 0.48mm 1.3mm 0mm top, left, right and bottom* (Cut Sheet) Thick media: 3mm left/right, 20mm top/bottom, Roll paper: 0mm left/right
<b>RAM</b>	64 KB	
<b>LANGUAGES</b>	ESC/P	
<b>INTERFACES (STANDARD)</b>	IEEE 1394 / USB 2.0	
<b>ENVIRONMENTAL CONDITIONS</b>	Temperature Humidity	10 - 35°C (Operating) 20 - 80% RH (Operating)
<b>ELECTRICAL SPECIFICATIONS</b>	Rated Voltage Rated Frequency Power Consumption	220V - 240V 50 to 60 Hz (Operating) Approx. 18 W (Operating)
<b>PRINTER DRIVER</b>	Microsoft Windows 98/ME/2000/XP, Macintosh OS 9.1 or later, Macintosh OS X 10.2 or later,	
<b>WARRANTY</b>	One year	
<b>RECOMMENDED PC ENVIRONMENT</b>	MICROSOFT WINDOWS 98/ME/2000/XP	CPU: Pentium 2.0GHz or higher processor. Memory: 256MB RAM or more. HDD: 500MB or more free disk space for Win 98 or ME, 1GB or more free disk space for Win 2000 or XP
	MACINTOSH Mac OS 9.1 or later / Mac OS X 10.2 or later	CPU: PowerPC G4 or more. Memory: 256MB RAM or more. HDD: 1GB or more free disk space
<b>STANDARD ACCESSORIES+</b>	Roll Paper Holder x 1 set, Ink Cartridge (one each C, M, Y, LC, LM, LK, LLK, PK or MK) x 1 set, Power Cord x 1, Rear Sheet Guide x 1, Multi-sheet Matte Support x 1, Printer Software & Online Guide CD-ROM	
<b>SOFTWARE</b>	EPSON Creativity Suite: EPSON RAW Print, EPSON Easy Photo Print, EPSON File Manager, EPSON Darkroom Print EPSON Web to Page, EPSON Colour Management system included in Windows™ and Macintosh™ drivers	

\*Via custom setting in printer driver. Otherwise: 3mm top, left, right, bottom; Thick media: 3mm left/right, 20mm top/bottom (Thick media); roll paper 0mm left/right (very top margin 20mm is required.)

+May vary from country to country. Please check with your local dealer for more information.



EPSON is the registered trademark of SEIKO EPSON CORPORATION. All other product names and other company names used herein are for identification purpose only and may be the trademarks or registered trademarks of their respective owners.

EPSON disclaims any and all rights in those marks. Scan/Print samples shown herein are simulations. Specifications are subject to change without notice.

www.epson.com.sg  
www.epsonphoto.com.sg

Dealer's Stamp

**EPSON**  
EXCEED YOUR VISION

For enquiries, contact your nearest EPSON sales representatives:  
INDIA - (91) 80-305-15000, CALCUTTA - 287 1355/56,  
CHENNAI - 820 3941/42, MUMBAI - 825 7286, NEW DELHI - 644 7201/2/3  
INDONESIA - (62) 21-572-3161  
MALAYSIA - (60) 3-562-88288  
PHILIPPINES - (632) 813-6567  
SINGAPORE - (65) 6337-7911, (65) 6586-3111  
THAILAND / INDOCHINA - (662) 670-0680

Sep 05

**EPSON**  
EXCEED YOUR VISION



EPSON STYLUS™  
**PHOTO R2400**

THE NEW HORIZON IN COLOUR  
AND B&W PRINTING  
New technology and outstanding quality



# EPSON STYLUS™ PHOTO R2400



Epson takes colour and monochrome printing to new heights with the new A3+ EPSON Stylus™ Photo R2400. It allows the reproduction of breathtakingly beautiful colour prints; as well as capturing every subtle nuance for black and white prints. For the discriminating professional and amateur photographer who demands the best.

## Key Features

EPSON UltraChrome™ K3 Ink for improved colour and black & white photos

- More neutral looking grays
- Wide colour gamut
- Dramatically reduced metamerism
- Fine art quality Colour and B&W output
- Long lasting prints

High quality photographic prints up to A3+ size; ideal for printing enlarged digital images

Up to 5760 optimised dpi for rich, highly detailed images from digital cameras

Use with a wide variety of media

Improved data throughput for super fast print times

- Advanced print modes
- Advanced B&W Photo Mode
  - Adobe® RGB Mode
  - Automatic photo enhance mode
  - ICC workflow for Macintosh® and Windows® users

- Bundled software
- EPSON RAW Print
  - EPSON Creativity Suite

## EPSON UltraChrome™ K3 Ink Overview

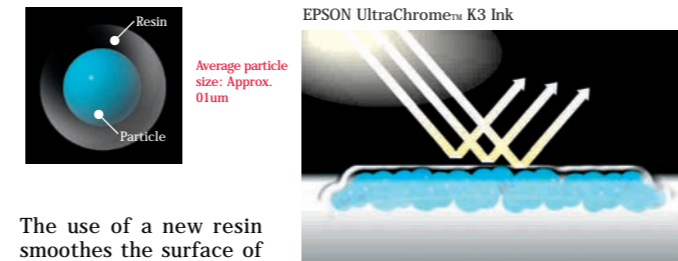


EPSON UltraChrome™ K3 Ink is the improved version of EPSON UltraChrome™ Ink. The new pigment and resin improve glossiness and D-max readings on glossy media and exhibits reduced metamerism. An additional Light Light Black ink allows for the 3 levels of black ink that dramatically improves gray balance that enables the production of superior black & white and colour photographs.



All new  
8-colour pigment ink

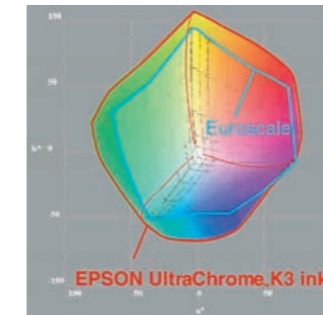
## Improved glossiness



The use of a new resin smoothes the surface of the paper when ink is applied. Glossiness and gloss differential is dramatically improved.

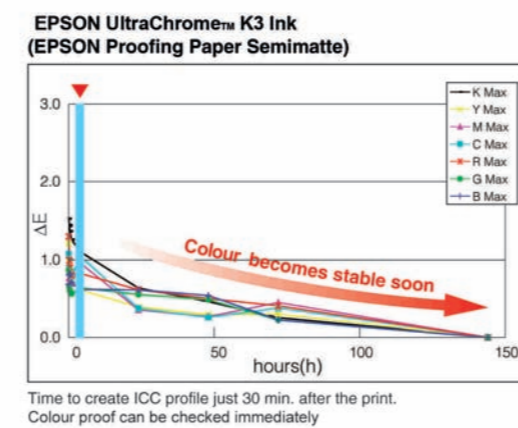
## Wider gamut

EPSON's high density UltraChrome™ K3 pigment ink allows colour prints to exhibit brilliance and depth comparable to offset printing. The wide colour gamut surpasses the Euroscale gamut.



## Excellent colour stability

EPSON UltraChrome™ K3 Ink dries quickly and colours stabilise soon after print.



## Decreased metamerism

The characteristics of pigment ink and reduced colour ink consumption minimise the effect created when objects having different spectral distributions look alike under one light source, but appear different when viewed under another light source. This results in more consistent looking prints even when viewed under various light sources.



## Improved scratch resistance

Printed output is very susceptible to scratching due to uneven ink surface that gradually evens out while the print dries. New EPSON UltraChrome™ K3 inks are applied more evenly to the media surface, which reduces the chance of nicks or scratches.

## Excellent Lightfastness

EPSON UltraChrome™ K3 Ink has improved lightfastness of up to 175 years\* for colour and over 300 years\* for Black & White. The EPSON Micro Encapsulation technology encloses each pigment particle in a transparent resin that protects the colour pigment from fading and discoloration.

\*Printed on EPSON UltraSmooth Fine Art Paper. Source - Wilhelm Imaging Research dated 1<sup>st</sup> July 2005.

## Superb water resistance

EPSON UltraChrome™ and EPSON UltraChrome™ K3 ink is made up of pigment ink that is not water soluble. This characteristic makes prints impermeable to water and similar liquids, preventing runs and smudges.



Dye-based ink on plain paper



EPSON UltraChrome™ K3 ink on plain paper

## Accurate colour control

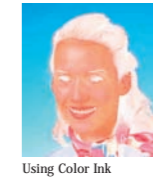
EPSON UltraChrome™ K3 Ink uses three blacks to achieve a more stable and accurate gray balance, while allowing better colour control due to using lesser amount of ink.



EPSON UltraChrome™ K3 Ink



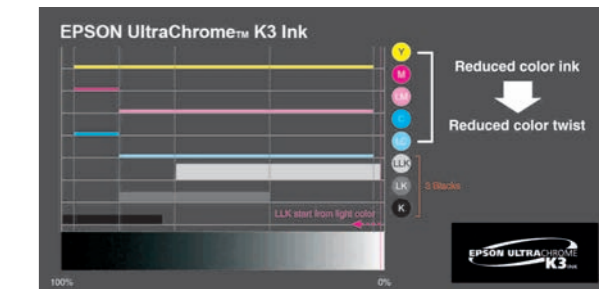
Using Black and Light Black and Light Light Black



Using Color Ink

## Improved gray balance

The illustration shows ink consumption when printing a smooth gradation from white to black. The new EPSON UltraChrome™ K3 reduces colour twists in gray areas thanks to the decrease in colour ink consumption.



## Three-Level Black Ink Technology

The use of Black, Light Black and Light Light Black inks significantly improves gray balance that achieves smoother tonal range for impressive midtones and highlight while eliminating colour casts.

### Smooth gradation in highlights and shadows

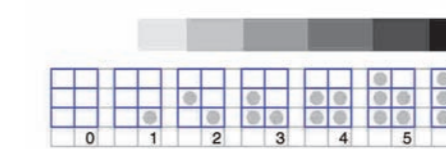


### Colour Toning for various monochrome images



### Smooth tonal gradation using Light Light Black

EPSON UltraChrome™ K3 Ink



Six tone levels obtained when using the 1/6 density Light Light Black

