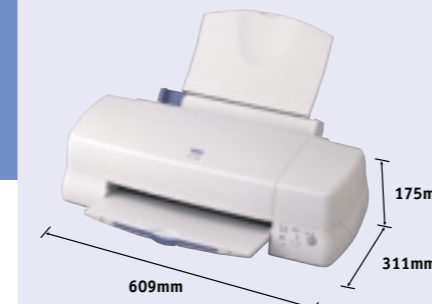# EPSON® STYLUS™ COLOR 1160

The EPSON PerfectPicture Imaging System™

EPSON's unique PerfectPicture Imaging System™ is a collection of the very latest developments in inkjet printing. Incorporating EPSON's award-winning Micro Piezo™ technology and advanced printer drivers, the PPIS enables EPSON Stylus printers to deliver life-like PhotoReal® colour and laser-sharp text at high speed, every time - without the need for costly add-ons.

EPSON Micro Piezo™ Technology

The advanced control of the printer's advanced Micro Piezo™ printhead enables two special developments – EPSON Variable-Sized Droplet Technology and the virtually invisible 4 picolitre EPSON Ultra Micro Dot™. In addition to maximising the efficiency of ink use and optimising print speed, these features take definition, resolution image smoothness and detail to levels previously unavailable in this class of printer.

EPSON QuickDry™ Inks and Advanced Colour Matching

These vibrant inks ensuring maximum sharpness and clarity, working with advanced colour matching software to ensure that what you see on the screen is what you get on paper.

EPSON AcuPhoto™ Halftoning and Super MicroWeave™

EPSON AcuPhoto™ Halftoning enables life-like image tones, while EPSON Super MicroWeave™ further enhances the smoothness and realism of colours on the page.

EPSON High Quality Paper Media

EPSON genuine papers and inks have been specially formulated to work with your EPSON printer. There is an endless variety of stickers, transfers, cards, posters and films to choose from.

Specifications

- Model Name: EPSON Stylus COLOR 1160
- Model Number: C295035DA

Characteristics:
- A3+ Black and Colour Serial InkJet Printer
- Technology: EPSON Micro Piezo™ Printhead Technology 144 Nozzles (Black) and 48 x 3 Nozzles per colour (Cyan, Magenta, Yellow)
- Print Direction: Bi-directional with logic seeking, optimised for text and graphics
- Noise level: approx 42 dBA during printing (Fine mode, ISO 7779)
- Power Consumption: approx 14 Watts (during printing ISO/IEC 10561 - Letter Pattern)
- ENERGY STAR compliant

Resolution:
- Maximum 1440 x 720dpi in Black and Colour with EPSON 4pl Ultra Micro Dot™ and Variable-Sized Droplet Technology
- Maximum Resolution - Media Dependent Plain Paper: up to 1440dpi Photo Quality Ink Jet Paper: up to 1440dpi Photo Quality Glossy Paper: up to 1440dpi Ink Jet Transparencies: up to 360dpi
- Maximum resolution depends on driver setting, operating system and media type

Speeds:
- Approx. 9.5 ppm in black for A4 Text memo pattern (Economy mode) *¹
- Approx: 9.2 ppm in colour for A4 Text memo pattern (Economy Mode) *²
- Approx: 4.2 ppm for A4 documents with text and photo (Normal mode) *³
- Approx: 103 seconds per A4 photo (Fine mode) *⁴
  Print speeds will vary depending upon configuration, print settings, application, coverage and complexity of the page.

Emulations:
- EPSON ESC/P Raster
- EPSON Remote Command

Driver:
- Driver: Windows 3.1, Windows 95/98, Windows NT 4.0, Macintosh as standard
- Minimum System Requirements:
  - for Windows: 486/25Mhz processor for Win 95/NT4.0 and 486/66Mhz for Win98 and 386/25 Mhz for Win 3.1; 16MB RAM; 10MB Hard Disk space for Win 3.1/95/98 and 20MB for Win NT4.0
  - for Macintosh: Mac OS 8.1; 13MB (Foreground Printing) and 24MB (Background Printing).
- Recommended System Requirements:
  - for Windows: Pentium or better processor; 32MB RAM or greater for Windows 3.1/95/98 and 64MB or more for Windows NT4.0; 50MB or more of Free Hard Disk space for Windows 3.1/95/98 and 100MB for Windows NT4.0
  - for Macintosh: Mac OS 8.5.1 or later; 14MB or greater (Foreground Printing) and 24MB or greater (Background Printing)
- Ink Level Indicator included in driver.

Colour Matching:
- Colour management system includes:
  - Windows 95/98 ICM
  - Apple ColorSync
  - sRGB (Windows 98 only)

Interfaces:
- 2 Interfaces as standard (With automatic detection)
- Centronics® - type 8-bit Parallel Interface (IEEE-1284 level 1 device)
- USB interface supported in the following environment:
  - PC 98 with Windows 98 pre-installed
  - PC manufacturer guarantees USB operation
  - Up to one hub

Input Buffer:
- 256KB

Paper Handling:
- 100 A3 sheets Plain Paper
- 20 sheets of Transparency,
- 65 sheets of 360dpi Ink Jet Paper,
- 65 sheets of Photo Quality Ink Jet Paper,
- 20 sheets of EPSON Matte Heavy Weight,
- 20 sheets of Photo Quality Glossy Film,
- 20 sheets of Photo Paper,
- 20 cards EPSON Photo Quality Ink Jet Card,
- 10 envelopes

STYCOLOL1160-1GB

Paper Support:
- Paper size: A3+, A3, A4, A5, A6, 4"x6", 5"x8", 8"x10", Letter, B5, Legal, Panoramic (210x594mm)
- Weight (Cut sheet): from 64 to 90 gr./m² (Photo Paper = 190 gr./m²)
- Envelopes: No. 10 (241x104mm), DL (220x110mm), C6 (114x162mm)
- Weight (Envelopes): from 45 to 75 gr./m²
- Maximum printable area: A3+ (323x47mm)
- Print margin: 3mm top, left, right and bottom* *only when paper dimension is defined through printer driver custom settings otherwise bottom margin is 14mm.

Reliability:
- CE Compatible (Directive 89/336/EEC and 73/23/ECC)

Monthly Print Volume:
- 3,500 pages (A4)

Dimensions:
- 609mm(W) x 311mm(D) x 175mm(H)
- Weight: 8.4 kg

Ink Cartridge:
- Black ink cartridge **S020189** Approximately 900 A4 text pages
- Black ink cartridge - twin pack **S020209** Approximately 900 A4 text pages per cartridge
- Colour ink cartridge **S020191** Approximately 300 at 15% (5% for each colour) A4 360dpi text pages
- Example for printing the 'Bike' image (10 x 15cm at 720 x 720dpi) Colour ink cartridge **S020191** will print approximately 230 photos.

Optional Media:
- Premium Ink Jet Plain Paper A4 (250 Sheets) (S041214)
- 360dpi Ink Jet Paper:
  A4 (100 Sheets) (S041059)
  A3 (100 Sheets) (S041065)
  A3+ (100 Sheets) (S041066)
- Photo Quality Ink Jet Paper
  A4 (100 Sheets) (S041061)
  A3 (100 Sheets) (S041068)
  A3+ (100 Sheets) (S041069)
- Photo Quality Glossy Film:
  A6 (10 Sheets) (S041107)
  A4 (15 Sheets) (S041071)
  A3 (10 Sheets) (S041073)
  A3+ (10 Sheets) (S041074)
- Photo Paper:
  4" x 6" (20 Sheets) (S041134)
  100 x 150mm (20 Sheets) (S041255)
  A4 (20 Sheets) (S041140)
  200 x 300mm (10 Sheets) (S041254)
  A3 (20 Sheets) (S041142)
  A3+ (20 Sheets) (S041143)
  A2 Panoramic (10 Sheets) (S041145)
- Photo Paper Cards
  8/Sheet (10 Sheets) (S041177)
- Matte Paper - Heavy Weight
  A4 (50 Sheets) (S041256)
  A3 (50 Sheets) (S041261)
  A3+ (50 Sheets) (S041264)
- Photo Stickers:
  16/Sheet (5 Sheets) (S041144)
  4/Sheet (5 Sheets) (S041176)
- Ink Jet Transparencies A4 (30 Sheets) (S041063)
- Iron On 'Cool Peel' Transfer Media A4 (10 Sheets) (S041154)
- Ink Jet Back Light Film A3 (10 Sheets) (S041131)
- Photo Quality Self Adhesive Sheets A4 (10 Sheets) (S041106)
- Photo Quality Ink Jet Card:
  A6 (50 Sheets) (S041054)
  5" x 8" (30 Sheets) (S041121)
  10" x 8" (30 Sheets) (S041122)
- Ink Jet Note Cards with Envelopes A6 (20 Sheets) (S041147)
- Inkjet Greeting Cards with Envelopes
  5" x 8" (10 Sheets) (S041148)
  10" x 8" (10 Sheets) (S041149)

Options:
- AXIS 1440 Print Server

Warranty:
- 12 month EPSON replacement or repair
- Optional extension to 3 years (ECPGRP3)
- Optional upgrade to 3 Year On-Site (ECPGRP4)

175mm
311mm
609mm

A4 Black Text memo *¹   A4 Colour Text memo *²   A4 Text & Photo *³   A4 Photo (Bike sample) *⁴

** Illustration of 'Bike' image used for photo speeds.

Print Speeds Note:
The print times shown in this brochure are the average time for multiple prints of the same page over one minute. Times are measured from the 'Print' command to delivery of the page in the tray. The speeds were achieved using the following system: 200Mhz Pentium PC, 64Mb RAM, 2Gb HDD, Windows 95. Print times will vary depending on computer configuration, settings, application, coverage and page complexity.

EPSON COVERPLUS +

Three year optional on-site maintenance.

To ensure you continue to enjoy complete confidence in your EPSON Stylus printer, it is supported by a 12 month warranty. For additional peace of mind, optional EPSON CoverPlus extended warranties can be purchased - see the Warranty section of the product specifications on this page for details. EPSON CoverPlus extended warranties are only valid if purchased and registered within 90 days for the product it is to cover.

EPSON® STYLUS™ COLOR 1160

All-purpose, high quality printer with A3+ capabilities

- **High speed - 9.5ppm black and 9.2ppm colour**
- **1440dpi with EPSON Variable-Sized Droplet Technology**
- **Prints up to large A3+ format**
- **Parallel and USB connectivity - PC, Mac, iMac™, G3 and G4**
- **Optional Network Capability**
- **Includes PhotoDeluxe Business Edition Software** (Windows only)

EPSON®
PerfectPicture Imaging System

EPSON® STYLUS™ COLOR 1160

The EPSON Stylus COLOR 1160 is the perfect printing solution for home office, corporate and design environments requiring the ultimate in PhotoReal® colour output on larger format media up to A3+.

The very latest developments in EPSON's world-renowned Micro Piezo™ technology ensure unbeatable quality and speed, while standard parallel, serial and USB Interfaces provide the flexibility to match.

What's more, a sharp new design and quieter operation are sure to suit any dynamic office.

Key Features

- New aesthetic design, re-engineered for quieter operation
- Large format A3+ print capability
- 1440dpi resolution for PhotoReal® colour output, even on plain paper
- High speed printing – up to 9.5ppm black and 9.2ppm colour
- EPSON Variable-Sized Droplet Technology with 4 picolitre EPSON Ultra Micro Dot™
- EPSON PhotoEnhance 4 for automatic image optimisation
- Advanced driver for ease of use and comprehensive control
- Sophisticated multimedia set-up guide and on-line documentation
- Image Resolution Conversion for improved Web graphics
- Advanced colour matching – Windows ICM, sRGB, Apple ColorSync
- Dual high capacity cartridge system with EPSON QuickDry™ Inks
- Optional Network Server
- PC, Mac, iMac™, G3 and G4 support out of the box
- Standard parallel and USB interfaces
- Extensive support – screen-based, telephone, Web and warranty

Outstanding PhotoReal® quality, high speed, A3+ business printing solution

EPSON PhotoReal® colour makes a BIG difference to larger format printing, EPSON Stylus printers are well established at the forefront of high quality, low cost colour printing in a wide range of home and business environments. The EPSON Stylus COLOR 1160 is built for larger format applications, such as graphics and photo enlargements, which need to make a big impact. This outstanding performance is a product of the very latest developments in EPSON's award-winning Micro Piezo™ technology - based on extensive ongoing research and development into printhead design, dot placement and resolution.

Ready to print straight out of the box
The EPSON Stylus COLOR 1160 includes everything you need to start high quality, high throughput printing straight away*, including comprehensive support for PC and Mac operating systems for compatibility with Windows, Mac, iMac™, G3 and G4 computers.

Parallel cable not included

A4 Black Text Memo
Print speed:
9.5 pages per minute

A4 Colour Text Memo
Print speed:
9.2 pages per minute

A4 text & Photo
Print speed:
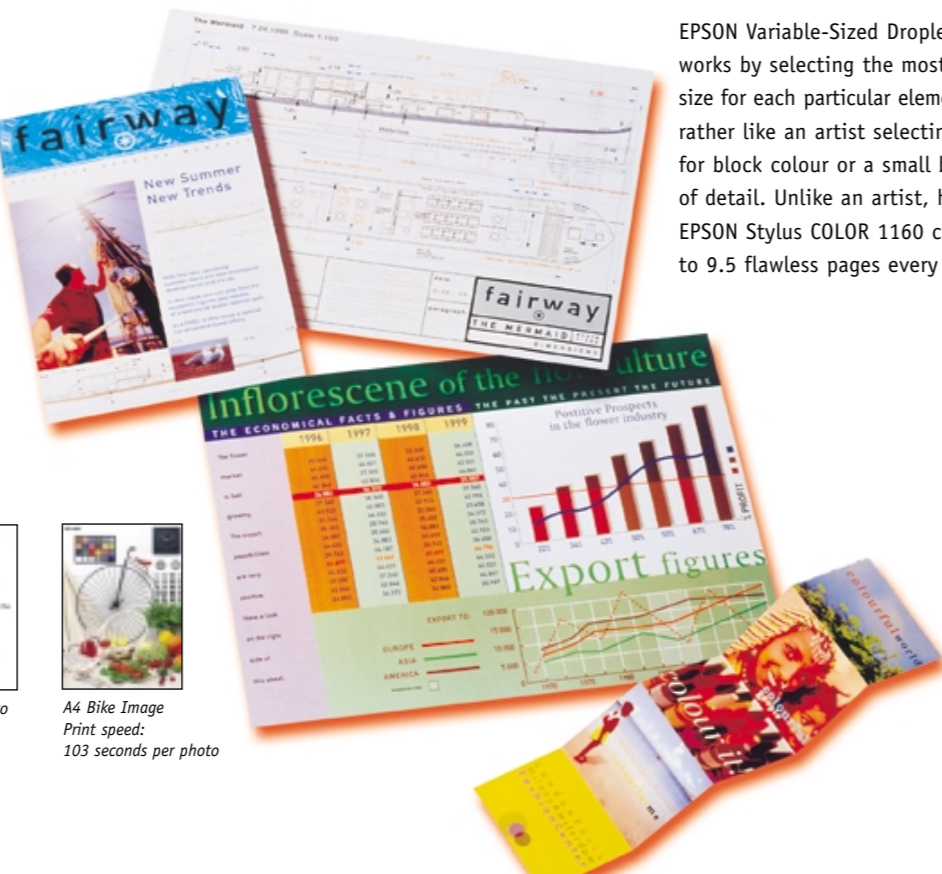4.2 seconds

A4 Bike Image
Print speed:
103 seconds per photo

EPSON Variable-Sized Droplet Technology with EPSON Ultra Micro Dot™
Smooth, vivid colour and high-class 1440dpi resolution are standard features of the EPSON Stylus COLOR 1160. The advanced Micro Piezo™ printhead has such control of ink delivery and placement that eight different sized ink droplets can be used on each line, including the virtually invisible 4 picolitre EPSON Ultra Micro Dot™.

EPSON Variable-Sized Droplet Technology

EPSON Variable-Sized Droplet Technology works by selecting the most effective dot size for each particular element of an image, rather like an artist selecting a broad brush for block colour or a small brush for areas of detail. Unlike an artist, however, the EPSON Stylus COLOR 1160 can produce up to 9.5 flawless pages every minute.

Printer Preview

Printer Driver Interface

Layout Settings Interface

High performance with exceptional ease of use
EPSON printer drivers are designed to offer maximum assistance and control in the most user-friendly way possible. Simple on-screen menus keep you in charge and fully informed every step of the way, combining a range of user-based options with extensive automatic colour matching, image enhancement and quality control.

Adding colour to any environment – even networks
A new sleek design adds a dynamic look to every desktop, compact dimensions and a new re-engineered motor ensure that your printer will fit and work quietly and efficiently. With an internal power supply and USB interface to minimise the cabling required to set-up. For multi-user environments, an Optional Network Server is available to make the EPSON Stylus COLOR 1160 into a central high quality printing resource.

The EPSON Stylus Range

EPSON STYLUS COLOR PRINTERS - 4 COLOUR		
FIRST-TIME USER	GENERAL HOME & SMALL BUSINESS USERS	BUSINESS USER
Stylus COLOR 460	Stylus COLOR 660 · Stylus COLOR 740/740 Transparent Blue · Stylus COLOR 760 · Stylus COLOR 850 · Stylus COLOR 860	Stylus COLOR 900/900N

EPSON STYLUS PHOTO PRINTERS - 6 COLOUR	
ADVANCED HOME USER	PROFESSIONAL PHOTO USER
Stylus PHOTO 750 · Stylus PHOTO EX	Stylus PHOTO 1200

Also included as standard, a dual high-capacity ink cartridge system which provides efficient delivery of EPSON's rich, instant drying QuickDry™ Inks. This features one cartridge for black and another for the remaining three colours, reducing the need to change inks, and enabling independent replacement of the more frequently used black cartridge.

PC MAGAZINE SERVICE & RELIABILITY '99 OVERALL WINNER

PC MAGAZINE SERVICE & RELIABILITY '99 PRODUCT SATISFACTION

August 1999

Award-winning support for comprehensive peace of mind
EPSON is the 1999 winner of the 'Best of the Best' Award in PC Magazine's Service and Reliability Survey, thanks to support including telephone helplines, technical 24-hour Web backup. Also, the standard 1 year replacement or repair may be upgraded to a full 3 year CoverPlus on-site service.

EPSON+ COVERPLUS

External network print server
The optional Axis 1440 Print Server is the easiest most cost effective way to connect the EPSON Stylus COLOR 1160 to your network. It plugs directly into the printers parallel port, and within minutes everyone on the network will be able to produce Photo Quality Graphics with razor-sharp black text.

Adobe PhotoDeluxe Business Edition
Adobe PhotoDeluxe Business Edition provides a fast and easy way to customise photos and add them to sales and marketing materials. It not only makes the alteration and repair of photos quick and easy, but also gives you hundreds of professionally-designed templates for instantly creating powerful sales tools. Guided activities lead you step-by-step from start to finish and an intuitive interface lets you take advantage of powerful editing tools in Advanced mode.

Create high-quality material fast, choose from letterheads, business cards, flyers, to T-Shirt transfers and calendars.

Features
- Easily import photos from scanners and other devices
- Quickly touch-up and repair photos
- Apply professional quality special effects
- Add photos to templates to create Web banners, stationery, flyers, and more
- Work with guided activities for businesses such as real estate, travel, and consulting
- Print to Genuine EPSON Paper Media

EPSON Bonus Media Pack
This complementary selection of EPSON high quality papers includes the following:
5 sheets of A4 Photo Paper
3 sheets of 4" x 6" Photo Paper
3 sheets of A4 Matte Paper - Heavyweight