

EPSON® STYLUS™ PRO 7600/9600



*Redefining high quality
large format digital colour printing*

- New EPSON UltraChrome™ 7-colour ink technology
- Black ink optimisation to meet all printing requirements
- New Light Black ink for superior photographic printing
- New Advanced 2880dpi Micro Piezo™ Printhead Technology
- High Print Quality, low cost per print
- Versatile, flexible and easy to use

EPSON® STYLUS™ PRO 7600

EPSON® STYLUS™ PRO 9600

The highest quality, most flexible, graphic arts printer available today, putting you in complete control of your output

EPSON's new advanced Micro Piezo™ printhead technology and 7-colour UltraChrome™ ink system continues to set the standards in large format graphic arts printing. The STYLUS PRO 7600 (24") and the STYLUS PRO 9600 (44") offer unparalleled output quality with the highest resolution available at 2880 dpi, and its low running costs deliver cost effective prints every time.

Print quality is unbeatable with the widest colour gamut ever. The seven individual UltraChrome™ ink set includes Light Black - a world first. The new Light Black enhances the grey scale gradations, therefore producing smoother tonal variations in colour and greyscale images. Choose between three different Black ink modes to optimise black ink density for various media types and printing applications. These large format printers are the first of their kind to offer true border-free printing on all four sides of the sheet.

Integrating seamlessly into a digital workflow, these new EPSON printers are supported by a wide choice of third party RIP software and comprehensive software utilities, providing complete control of the final print output.



PHOTOGRAPHY

Utilising the very latest in large format inkjet printer technology to produce extremely high quality digital photographic prints, exceeding that of the traditional analogue methods.

The new EPSON 7 colour UltraChrome ink set offers vibrant colour and black & white prints, with lightfastness in excess of 75 years. Extremely smooth tonal gradations in colour and monochrome are also achieved, with the introduction of a third light colour ink, light black.

The ability to change between Photo Black & Matte Black very easily and quickly, ensures the maximum image quality not only on EPSON's range of photographic specialist media, but also on our range of Matte & Fine Art medias where high density black is required.

- **Interchangeable black 7 colour EPSON UltraChrome™ ink set**
- **Lightfast in excess of 75 years**
- **Edge to edge printing**
- **Range of speciality media up to 1.5mm in thickness**
- **Low cost per print**
- **EPSON Grey Balancer utility software**



EPSON Stylus PRO 7600

DISPLAY/SIGNAGE

Produce high quality display and signage prints up to 44" wide, easily and with great versatility, at a low investment cost. Effortlessly output premium point-of-sale material, exhibition graphics, signage and banners at a very low cost per print.

EPSON's new UltraChrome ink set offers a wide colour gamut, and produce high quality images on a wide range of substrates from the standard gloss and semi gloss medias, to the more specialist Synthetic, Tyvec, Vinyl materials. Very fast dry times allow for very fast turn around of prints for finishing. High capacity ink cartridges also allow high quantity print runs to be achieved with the minimum of operator intervention.

- **High quality prints on variety of specialist media**
- **EPSON UltraChrome™ ink set for fast print turn around**
- **Optional automatic take up reel unit for unattended printing**
- **Lightfastness up to 75 years**
- **High capacity ink cartridges**

EPSON TECHNOLOGIES

A combination of leading edge inkjet technologies produce the most complete colour and monochrome printing solution available. EPSON hardware, software, media and inks combine to produce the ultimate in perfect image reproduction.

EPSON ULTRA MICRO DOT™

The life-long EPSON Micro Piezo™ print head propels perfectly formed ink droplets onto the page with absolute precision, producing the virtually invisible 4 picolitre EPSON Ultra Micro Dots™ for high quality reproduction.

2880DPI RESOLUTION

This incredibly fine resolution is achieved due to the highly advanced Micro Piezo™ printhead. It enables improved tonal gradation, the widest colour gamut and exceptional overall print quality.



P I N K B A Y

LIMITED EDITION PRINT

THIS PRINT IS ONE OF ONLY THREE HUNDRED PRODUCED AS PART OF THE 'CELEBRATION OF ART' FESTIVAL 2002



24" - 44"

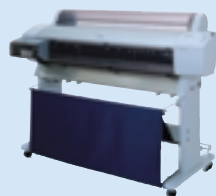
PROOFING

The new EPSON Stylus PRO 7600 and Stylus PRO 9600 will produce high quality and consistent inkjet contract quality proofs on demand, and at a fraction of the cost of more traditional methods.

Using the new EPSON UltraChrome ink set, these printers are able to easily reproduce the colour gamut of the printing press and also match the industry proofing standards, therefore providing the closest match to these standards from any inkjet printer available on the market today.

Our range of Stylus PRO printers have become the 'printer of choice' for proofing solutions.

- **Colour gamut equivalent to industry standard press & proofing standards**
- **Very high colour stability**
- **Supported by all leading RIP vendors**
- **Very high image quality**
- **Optimised for use with a wide range of proofing media**



EPSON Stylus PRO 9600

FINE ART PRINTS

The EPSON Stylus PRO 7600 and Stylus PRO 9600 are ideal for printing on demand Limited Edition 'Giclee' prints. The 7 colour EPSON UltraChrome™ ink set with interchangeable blacks guarantees maximum print quality on high quality fine art printing stocks. This improved way of producing colour and black & white printing, allows a truly neutral greyscale image with no colour 'cross over' effects, as well as producing warm or cold greyscale prints using all seven colours.

These printers also offer a straight paper path with automatic print head adjustment, ensuring the maximum print quality is obtained on heavy fine art media up to 1.5mm in thickness.

- **Versatile media handling including 2"/3" roll feed spindle**
- **Interchangeable black 7 colour UltraChrome™ ink set**
- **Lightfast in excess of 75 years**
- **Range of speciality fine art media**
- **Printing on media up to 1.5mm in thickness**
- **Low cost per print**
- **EPSON Grey Balancer Utility Software**

Features at a Glance:

Highest Print Quality

- Breathtaking picture quality is achieved by EPSON's industry leading 2880 dpi print resolution and 4pl Ultra Micro Dot™

Astonishing Colour

- Life-like skin tones and the finest details with EPSON's expanded 7 colour UltraChrome™ ink set

Ultimate Halftones

- Complete control over grey scale gradations and neutral tones with dual black ink cartridges, three different black ink configurations and unique 'Grey Balancer' software utility

Media Matching

- Maximise output quality by matching gloss or matte media with new Matte or Photo Black inks. 'White glove' cartridge changing enables you to configure black inks in just 10 minutes

Image Longevity

- Printed images with a lightfastness up to 75 years (indoor) with EPSON UltraChrome™ inks

Complete User Control

- Comprehensive utility software featuring executable maintenance, diagnostic tools, error-correction and user installable firmware upgrades

Minimum Finishing

- Output edge to edge, borderless prints to a specified range of widely used substrate dimensions

Flexible Connectivity

- Effortlessly connects to USB 2.0, Parallel and Firewire ports

EPSON VARIABLE-SIZED DROPLET TECHNOLOGY

Optimum speed and detail is achieved by utilising different sized ink droplets – small dots for areas of fine detail and large dots for areas of block colour.

EPSON ULTRACHROME™ INKS

The new 7-colour EPSON UltraChrome™ ink system is the first ink technology to offer Light Black ink for superior photographic prints with the widest colour gamut. The inks are durable and lightfast*, and are compatible with a wide range of media types.

INTELLIGENCE INK CARTRIDGES

For improved output and functionality, these cartridges feature an integral IC memory chip that precisely tracks and communicates ink usage back to the user. They also feature a resealable valve to enable removal and installation for future use.

*Please refer to lightfast test conditions on reverse

EPSON® STYLUS™ PRO 7600/9600

Specifications

Model

- Model Name: EPSON Stylus Pro 7600 / Stylus Pro 9600

Printing Technology

- Drop On demand Ink Jet Technology
- Resolution:
2880 x 1440; 1440 x 720dpi; 720 x 720dpi;
720 x 360dpi; 360 x 360dpi; 360 x 180dpi
- EPSON Variable Sized Droplet Technology:
Minimum droplet size, 4 picoliter
Variable droplet technology produces up to 3 different sizes per print line
- Nozzle Configuration:
Colour & Monochrome Heads, 96 nozzles x 7

Ink

- 7 colour (CmMmYKk) UltraChrome™ Inks:
Photo Black Ink Cartridge T543100 / T544100*
Cyan Ink Cartridge T543200 / T544200*
Magenta Ink Cartridge T543300 / T544300*
Yellow Ink Cartridge T543400 / T544400*
Light Cyan Ink Cartridge T543500 / T544500*
Light Magenta Ink Cartridge T543600 / T544500*
Light Black Ink Cartridge T543700 / T544700*
Matte Black Ink Cartridge T543800 / T544800*
**(available in 220ml size for Stylus Pro 9600)*
- Black Ink Mode Configurations:
UltraChrome™ Ink: Photo-K +Light-K or Matte-K +
Light-K or Dual Matte -K
- EPSON Ink cartridge yield: 110ml x 7 colours
**(available in 220ml size for Stylus Pro 9600)*
- Ink cartridge shelf life:
2 years from printed production date OR 6 months
after opening

Media Handling

- Media Input:
Single Roll (up to 24" wide) (up to 44" wide)**
Cut sheet size:
Auto Loading (up to 24" wide) (up to 44" wide)**
- Media core compatibility:
Handles both 2" and 3" cored media
- Maximum Roll Media Diameter:
4" (2" core) OR 6" (3" core)
- Weight:
12 Lb bond (up to 1.5mm cardboard)
- Built-in Media cutter for automatic or manual cutting
- Optional Manual Media Cutter
(usage on very thick media)

Printable Area

- Maximum Paper width:
24" 44.16"***
- Print Margins (Left & Right):
0 or 3mm (0.24" total)
- Maximum Printable width:
24.16" 44.16"***
- Maximum Printable Length:
up to 100" (limited by roll length and
software application)

BorderFree™ Printing

- Left & right borderless "bleed" printing for the
following size media: 8", 10", 12", 16", 20", 24",
(plus 36" and 44"***). Top & bottom edges can be
automatically cut three different ways during printing.

Reliability

- Total print volume:
20,000 pages (720 x 360dpi, A1 for SP 7600
B0 for SP 9600)
- Print Head Life:
46 billion shots per nozzle
- Cutter Life:
2,000 times (coated media)

Print Engine Speed

- Print engine speeds will vary from 8ft² to a maximum
of 190ft² per hour (depends on print mode in use)
- Everyday 'production quality' print speeds are
typically 44 to 87ft² per hour (depends on print job)
- You can produce better than photo lab quality results
at 16ft² per hour

Interfaces

- USB 2.0, Parallel (IEEE-1284 ECP Mode) and one
EPSON Type-B Expansion slot for installing the
optional 10/100BaseT or IEEE1394 Firewire™
Expansion cards

Operation

- Noise Level: Approx 50dBA (ISO 7779)
- Power consumption: Approx 140 Watts
- Voltage: 220 - 240 V (90 - 264 V)
- Frequency: 50 - 60Hz
- Current: 1.4 - 0.7A

Environmental Operating Conditions

- Temperature:
50 - 95° F (10 -35°C)
- Humidity:
20 - 80 %RH

Weight/Dimensions

- 96lb 185lb (with legs)**
- 43.3" (W) x 22" (H) x 22.5" (D)*
- 63.9" (W) x 46.4" (H) x 28.2" (D)**
- 29.2" (H) with optional printer stand

Solutions

- EPSON ESC/P Raster Photographic Drivers Standard
- Microsoft® Windows® 95, 98, Me, NT 4.x, 2000 and XP
- Macintosh OS® 8.5.1 - 9.x (OS X supported via RIP)
- Extensive support of leading RIP manufacturers
- External server based on Adobe Postscript 3 with
optional software RIP

Memory

- Buffer Memory 24": 32MB
44": 64MB

System Requirements

- Minimum Recommended System Requirements:
Windows 95/98/NT 4.0: Pentium 2 300MHz, 128MB
(30% free memory)
Hard Disc: A0 750MB, B0+ 1.2GB
System Environment:
Macintosh: Power PC 604e 300MHz 7.5.1 or later,
Foreground memory >21MB,
Background memory >34MB,
Hard disc: A0 750MB, B0+ 1.2GB

Warranty

- One Year On site
- Optional extended warranties available - contact your
EPSON dealer for details.

Options

- C12C815182 Manual Cutter Unit **
- C12C815192 Manual Cutter Spare Blade
- C12C811092 Roll Feed spindle 2 inch †
- C12C811102 Roll Feed spindle 3 inch †
- C12C811093 Roll Feed spindle 2 inch (high tension) †
- C12C811103 Roll Feed spindle 3 inch (high tension) †
- C12C823912 EpsonNet 10/100 Base Tx Int Print Server 2
- C12C823914 EpsonNet 10/100 Base Tx Int Print Server 2
- C12C823915 EpsonNet 10/100 Base Tx Int Print Server 2
- C12C823723 Type-B IEEE 1394 Interface Card

- C12C844061 Stand †
- C12C815231 Manual Cutter Unit †
- C12C811151 2/3 inch Dual Roll Feed Spindle **
- C12C811152 2/3 inch Dual Roll Feed Spindle
(high tension) **
- C12C811161 2/3 inch Dual Roll Feed Spindle †
- C12C890071 Maintenance Tank
- C12C815241 Auto Cutter Spare Blade
- C12C890091 EPSON Gray balancer Reference Chart
- C12C815251 Auto Take Up Reel **

Test Conditions as follows: (Indoor Display Condition)*

- Light source: Fluorescent Light
- Intensity: 70,000 lux.
- Temperature: 24°C
- Humidity: 60%RH
- Glass Mount: 2mm, Soda Lime
- Fade Criteria: Pure YMC 30% loss at OD=1
- Display Life Calculation: Total illuminance/
(500 lux x 10 hours x 365 days = 1 year)

† Applies to the Stylus Pro 7600 only

* The data is calculated by EPSON's accelerated test
and it does not mean EPSON guarantee periods.

Test developed and conducted by EPSON.

** Applies to the Stylus Pro 9600 only



Extended Warranties

- To ensure you continue to enjoy complete
confidence in the EPSON Stylus Pro 7600 and
Stylus Pro 9600 printer range, they are supported
by a 1 year on-site warranty. For additional peace
of mind, optional on site extended warranties are
available at the time of purchase or up to 90 days
thereafter.
Contact your EPSON dealer for details.

EPSON (UK) Ltd,

Campus 100, Maylands Avenue,
Hemel Hempstead, Hertfordshire HP2 7TJ.
Telephone: +44 (0) 1442 261144
Fax: +44 (0) 1442 227227
E-mail: info@epson.co.uk
Home Page: www.epson.co.uk

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Specifications subject to change.

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