

Epson Stylus™
Pro 7900/9900

EPSON
EXCEED YOUR VISION

Revolutionising Colour Possibilities in Professional Large Format Printing



- Epson UltraChrome™ High Dynamic Range (HDR) maximise colour expansion with its revolutionary 10-colour inks set
- New Micro Piezo TFP™ Print Head delivers with superb speed and is built with extreme durability
- Optional SpectroProofer™ for repeat proof verification and printer calibration solutions

OPENING A NEW ERA IN COLOUR REPRODUCTION

Epson Stylus™ Pro 7900/9900



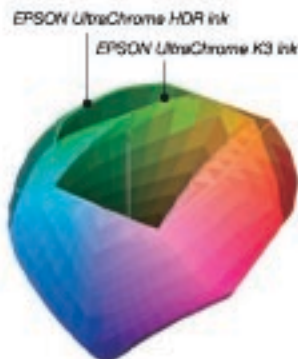
Featuring new Epson UltraChrome™ HDR Ink and Advanced Micro Piezo TFP™ print head, Epson Stylus™ Pro 7900/9900 delivers industry-leading performance in higher accuracy and higher quality colour printing.



Epson UltraChrome™ High Dynamic Range (HDR) Ink

Having improved inkjet printing quality with Epson UltraChrome™ K3 ink, Epson once again raises the standard for pigment ink performance with Epson UltraChrome™ HDR, featuring two extra colours. In addition to the eight colours previously offered, Epson UltraChrome™ HDR now includes Green and Orange inks, providing a significantly larger colour gamut, along with the ability to print vivid green and orange tones. Furthermore, Photo Back and Matte Back ink cartridges can both be installed at the same time.

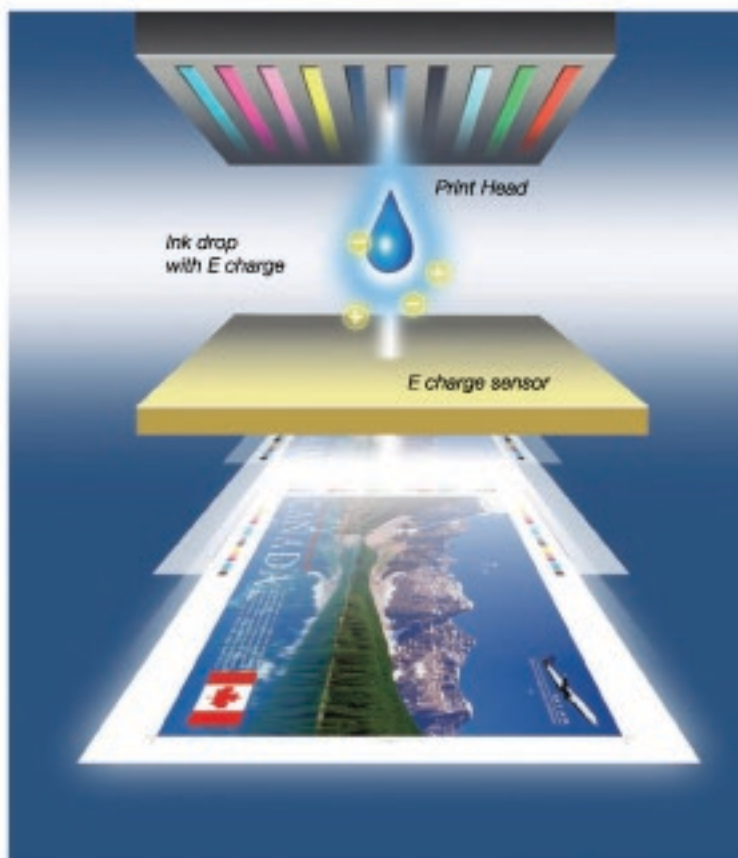
As the name Epson UltraChrome™ HDR implies, this new ink set provides a much wider tonal range, which means higher colour accuracy, greater colour subtlety and smoother tonal gradation. No matter what type of printing you are doing, Epson UltraChrome™ HDR will give you quality unlike anything you have seen before.



Addition of Green and Orange Further Expands the Colour Gamut

Epson UltraChrome™ HDR ink takes inkjet colour performance to an entirely new level with the addition of Green and Orange inks. This is particularly true in the vivid green to yellow and yellow to red portion of the colour space. Grass and foliage will be more vivid and natural, and orange tones like sunsets will be more dazzling. Photographers will be delighted to see that the orange ink also serves to lessen the graininess in skin tones.





Automatic Nozzle Check System

Automatic Nozzle Check and Cleaning Maintains Print Quality

The auto nozzle check system uses advanced ink droplet detection (ink drops with an electrical charge are read by a sensor) to eliminate misprinting caused by nozzle clogging. This process takes less than 15 seconds, requires no media and consumes only a minuscule amount of ink. Nozzle checking can be performed before every job or can be set to run automatically between jobs during unattended printing.

Faster Cutting Speed and Efficiency with New Rotary Cutting Blade

Both printers employ a new rotary paper cutter that cuts entire sheet smoothly and cleanly in about 2 seconds. Furthermore, it is very durable and cuts through all media range including canvas and adhesive paper, eliminating the need for alternative manual cutters.



Paper Cut Button

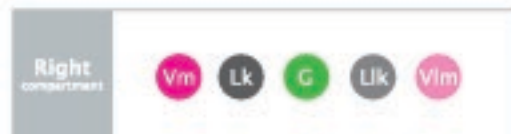
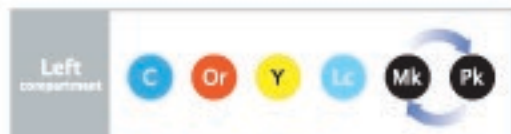


Cutter

Easier Operation with Greater Flexibility

Large Capacity Ink System for Increased Efficiency

The availability of large capacity cartridges (in both 350ml and 700ml) will help improve productivity by reducing the need for frequent cartridge change especially for time-sensitive and/or large print jobs. The higher capacity is especially useful when printing is taking place overnight.



2.5" Colour Control Panel

Intuitively designed, the large 2.5" control panel features a 320x200 dot colour LCD, making it highly visible in any lighting condition. With the ability to check printer status at a glance, perform basic diagnostic and adjustments.



Epson Look-up Table (LUT) Technology Optimises Colour Quality

The Assurance of Maximum Colour Fidelity across the Spectrum

With the expanded colour gamut of the Epson UltraChrome™ HDR ink, achieving precise colour accuracy requires a significantly more complex conversion programme. Epson New LUT Technology is up to the challenge, maximising use of the colour gamut and improving ink utilisation by seamlessly integrating high-fidelity ink primaries. Developed through fundamental research conducted jointly with the Munsell Colour Science Laboratory at the Rochester Institute of Technology, Epson New LUT Technology not only reduces colour fidelity, it reduces graininess in skin tones, improves colour inconsistency, and ensures smooth gradations between colours.

About Look-up Tables (LUT)

To print a given colour on an inkjet colour printer, colour information (either RGB or CMYK) must be converted so that the printer knows which ink colours to blend, and in what amount. To perform the extremely complex calculations required for image data to ink conversion, a massive reference table of colour data called a LUT is used. Image quality is to a large extent determined by the choice of which ink colours to blend, and how much of each should be used.

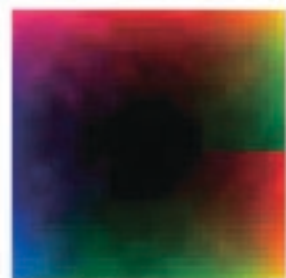
Although the number of ink combinations possible with a 10-colour printer is virtually uncountable, Epson New LUT Technology automatically selects the optimum combination to accurately express the desired colour.

Additional Benefits of New LUT Technology

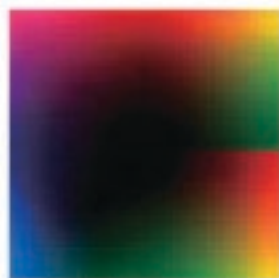
In addition to maximising use of the wide colour gamut and ensuring highest possible fidelity to the original image, Epson New LUT Technology provides three other major benefits that improve print quality.

Smooth Colour Gradations

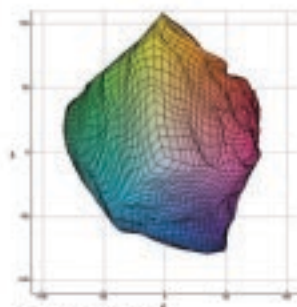
In many types of images, such as artistic photos and outdoor scenes, colours blend into one another. The smoothness of these gradations is a major factor in determining image quality. Epson new LUT Technology provides a smoother colour gamut for finely detailed gradations between colours.



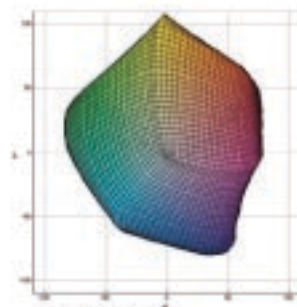
Poor gradation



Good gradation



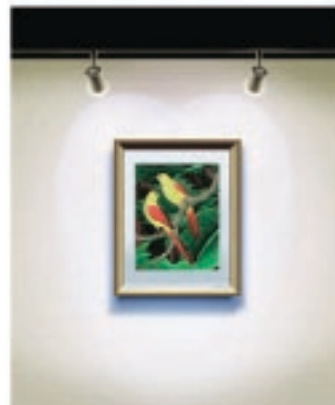
Colour gamut with non-smooth LUT gradation



Colour gamut with smooth LUT gradation

Consistent Quality in all Types of Light

Epson New LUT Technology also contributes to virtually eliminating colour inconsistency, so prints look similar under all light sources.



Light Source A



Light Source B

Graininess is No Longer Noticeable

Graininess is especially noticeable in skin tones in portrait or commercial photography. Epson New LUT Technology reduces graininess by optimising the fine colour dispersion in each pixel.



LUT with poor grain characteristics

LUT with good grain characteristics

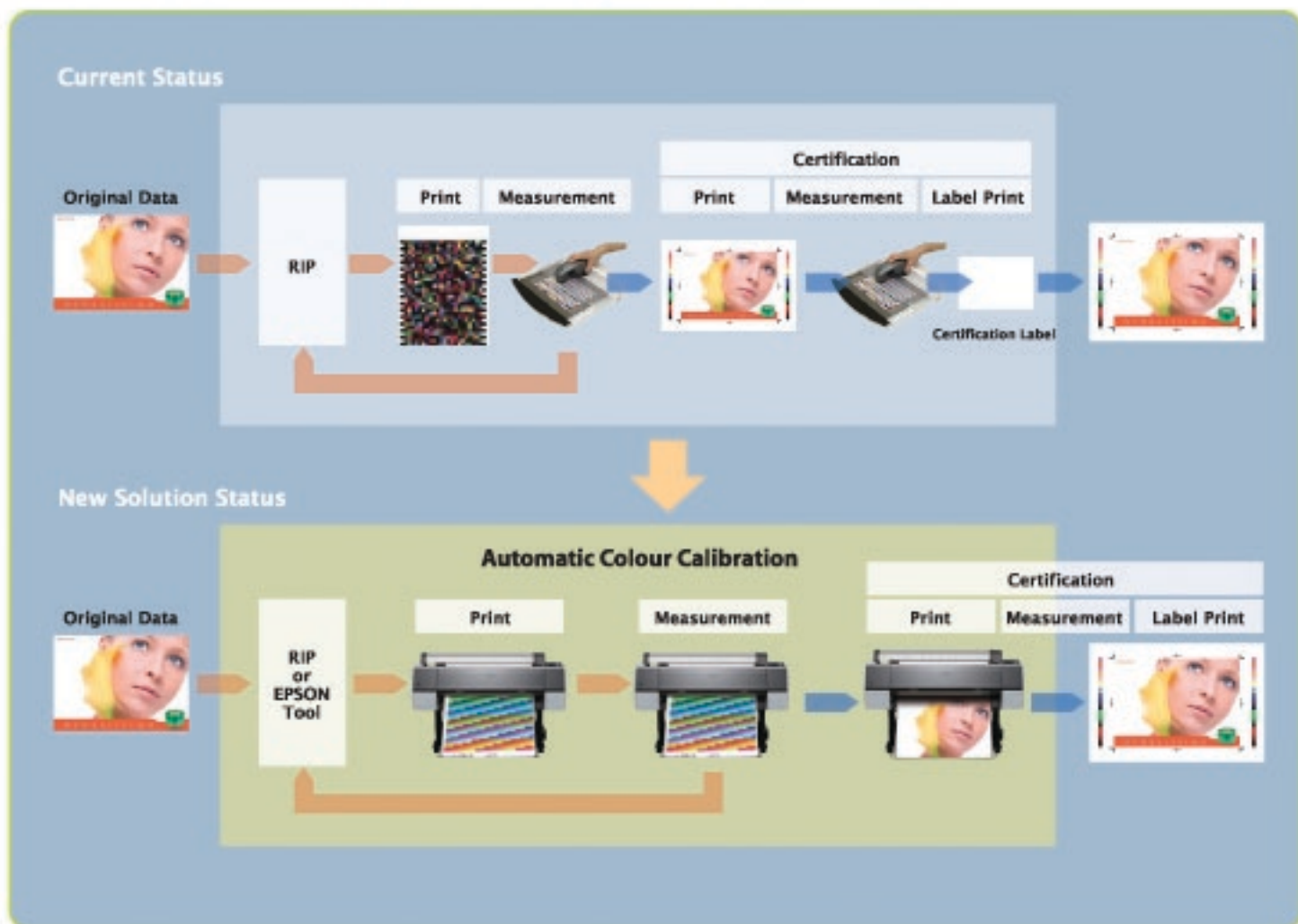
Epson SpectroProofer™ (Optional)

Automatic Colour Management Workflows

An advanced new option for the Epson Stylus™ Pro 7900/9900, SpectroProofer™ facilitates professional colour management workflows by performing colour calibration automatically. Incorporating industry-standard X-rite technology, it provides accurate printer-to-printer colour matching, as well as advanced measurement and certification. As programming colour management workflows are automated, operators need not be technically trained, resulting in faster speed, higher colour accuracy and lower costs.

SpectroProofer Enhances Colour Control Workflow

By using Epson's new SpectroProofer, the following colour control workflow can be precisely achieved:



Simple and Easy Operation

Compact Design

The SpectroProofer is designed for Epson Stylus Pro™7900/9900 – setup is fast and easy, and it fits right into the printer, so no additional space is required.

Fan

An on-board drying fan reduces drying time.

Bundled Software

(SpectroProofer Utilities)

Best of all, Epson's special bundled software has a very simple, easy to use interface. This software virtually eliminates subtle colour differences in individual printer output. It can also record and export measured data in a universal format that can be used to create highly accurate ICC profiles. Auto calibration can be done with a step-by-step bundled in wizard.

Advanced Use

RIP Software

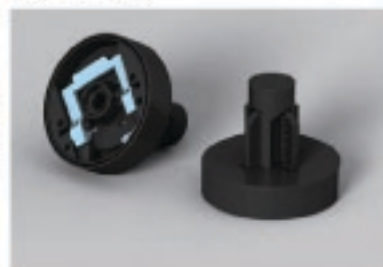
The SpectroProofer also works perfectly with third party RIP software for advanced colour measurement workflows and colour proofing, and depending on the RIP function, supports colour certification and spot colours.

Backing (Black/White) Filter

The optional Spectroproofer comes with inter changeable black/white backing to suit the need of any requirement.

Innovative Easy Roll Paper Handling

Epson's new spindle-less flange makes paper loading a breeze. It comes with auto paper set/release and its adaptor can easily switch to support 2" core to 3" core paper roll. The single flange is suitable for most media types. A built-in intelligent roll paper feeding system automatically aligns and adjusts the paper for optimal tension during loading.



Barcode Printing Function

Before changing the roll of paper, you may print a barcode on the roll before it is removed. Barcode records the media ID (for genuine media) or an allocated number (for custom media) as well as the remaining length for easy media management.

Wide Selection of Professional Media

Professional Photography



Photo Gloss Finish	Premium Glossy Photo Paper (250)	***
	Premium Glossy Photo Paper (170)	**
Photo Semigloss Finish	Premium Semigloss Photo Paper (250)	***
	Premium Semigloss Photo Paper (170)	**
Photo Luster Finish	Premium Luster Photo Paper (260)	***
Photo Matte Finish	Premium Semimatte Photo Paper (260)	***
Artistic Textured Finish	Velvet Fine Art Paper	***
	Textured Fine Art Paper	**
Artistic Smooth Finish	Ultrasmooth Fine Art Paper	***
Matte Finish Surface	Enhanced Matte Paper	*

Fine Art Reproduction



Artistic Textured Finish	Velvet Fine Art Paper	***
	Textured Fine Art Paper	**
Artistic Smooth Finish	Ultrasmooth Fine Art Paper	***
Canvas Textured Finish	Canvas	**

Pre-press Proofing



Natural White Contract Proof	Proofing Paper White Semimatte	***
	Premium Semimatte Photo Paper (260)	**
Commercial Contract Proof	Proofing Paper Commercial	***
Publication Proof	Proofing Paper Publication	***
Low-cost Proof	Premium Glossy Photo Paper (170)	**
	Premium Semigloss Photo Paper (170)	**

*** For professional users; ** Highly recommended; * Recommended



New Epson LFP Remote Panel 2 Utility Software

Specially designed for Epson Stylus™ Pro 7900/9900, this software provides four convenient functions. The Firmware Updater connects to the web for automatic downloading of the latest printer, network and option firmware.

The Printer Watcher monitors and displays the status of any selected printer. The Paper Feed Adjuster fine-tunes the paper feed settings and the Custom Paper Setup registers new papers with user-defined names.

Partners in Perfection

EPSON Specialty Media

Media*

Premium Luster Photo Paper 260	16" / 24" / 44" / 60"
Premium Glossy Photo Paper 260	16" / 24" / 36" / 44" / 60"
Premium Semigloss Photo Paper 250	16" / 24" / 38" / 44" / 60"
Premium Glossy Photo Paper 170	16.5" / 24" / 36" / 44"
Premium Semigloss Photo Paper 170	16.5" / 24" / 36" / 44"
Premium Glossy Photo Paper	A3+ / A2

Cut Sheet / Roll

Media*

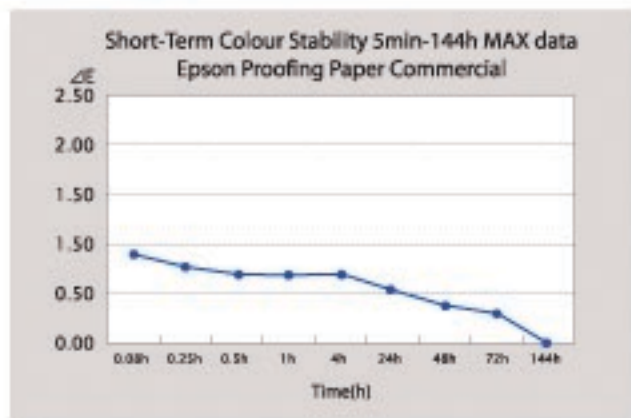
Premium SemiGloss Photo Paper	A3+ / A2
Doubleweight Matte Paper	24" / 36" / 44" / 64"
Ultrasmooth Fine Art Paper	A3+ / A2 / 17" / 24" / 44" / 60"
Velvet Fine Art Paper	A2
Textured Fine Art Paper	17" / 24" / 44"
Enhanced Matte Paper/ Archival Matte Paper	A3+ / A2 / 17" / 24" / 36" / 44" / 64"

Cut Sheet / Roll

*Please refer to www.epson.com.sg for product codes

Stabilises Quickly and Water-Resistant

Epson UltraChrome™ HDR ink dries and stabilises in a matter of minutes. This is due to the use of specially formulated resin-encapsulated pigments, which also makes it extremely water-resistant.

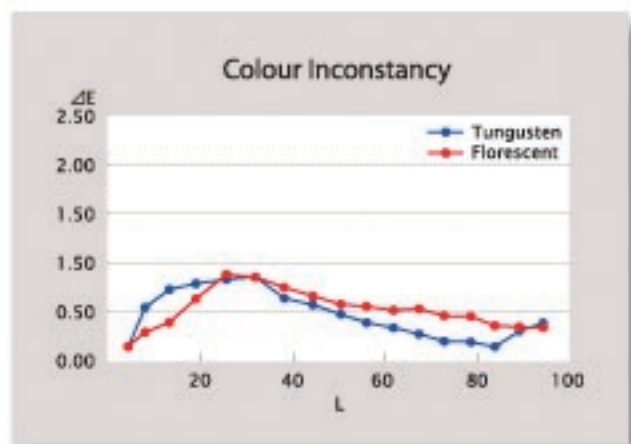


Accurate Colour Control

Highly accurate colour control ensures that there are virtually no differences in colour when printing at different resolutions, and that colour gradations are ultra-smooth and well-defined, even at high saturations. The beautiful, true-to-life reproduction of skin tones will show you the difference that Epson UltraChrome™ HDR makes.

Reduced Colour Inconstancy Ensures Uniform Appearance

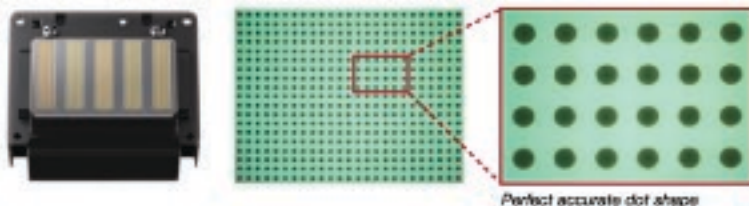
The use of Epson UltraChrome™ HDR ink will completely overcome the problem of colour inconstancy (where colour appear different under different lighting). With a carefully developed formulation and three shades of black ink, consistent colour balance is assured regardless of the light source under which the print is viewed.



Higher Quality Complemented by Higher Productivity

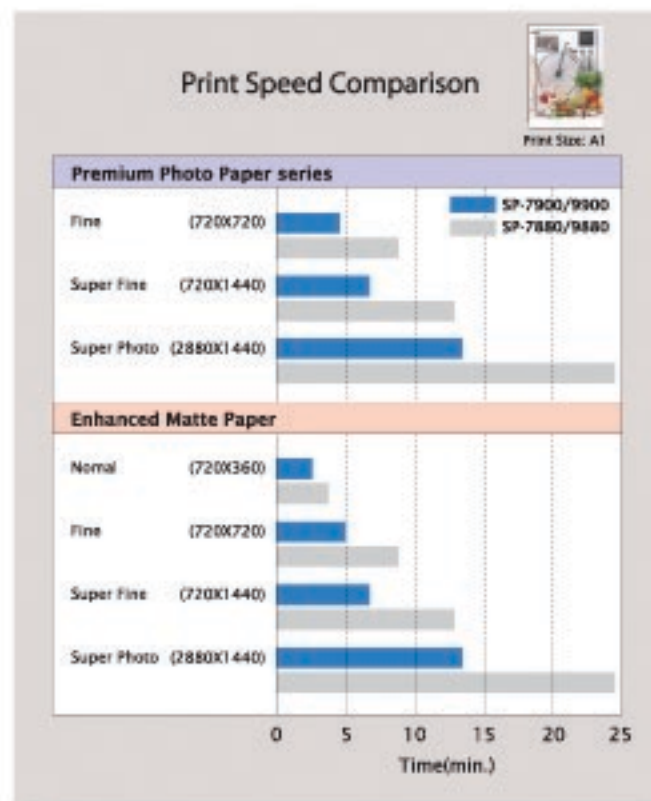
Advanced Micro Piezo Thin Film Piezo Print Head (TFP™)

The Micro Piezo TFP™ featuring higher performance and greater durability has 360 micro-fine nozzles for each colour, delivering perfectly dot shapes with virtually no misting or satellites. Optimised for Epson UltraChrome™ HDR ink, it uses variable-sized droplet technology to produce different size ink droplets as small as 3.5 pico-litres (pl) which greatly reduces print time while optimising image quality. It also uses an ink-repellent coating that minimises clogging.



Faster Throughput Increases Your Work Efficiency

Printing on plain paper in all print quality modes is about twice as fast as previous Epson models.



Special Mode for Dot Proofing

A new 1440x1440 dpi mode (supported by Epson proofing media or selected 3rd party RIP software) delivers high quality proof sheets more than three times faster than the previous model. Supported by CMYK-half-tone mode, it delivers greater sharpness than older proofing modes.



Epson Stylus[™] Pro 9900

Weight: 116 Kg

Epson Stylus[™] Pro 7900

Weight: 84.5 Kg

** To use USB port, your PC must conform to PC98 specifications, and have Windows preinstalled. Consult the documentation provided with your PC for further information about USB connectivity. Note also that printing errors may occur if non-standard cables or more than 2 USB hub connections are used.

SUPPLIES
Epson UltraChrome[™] HDR Ink

Capacity	300ml	700ml
Photo Black Ink Cartridge	C13T396180	C13T396190
Cyan Ink Cartridge	C13T396200	C13T396210
Vivid Magenta Ink Cartridge	C13T396230	C13T396240
Yellow Ink Cartridge	C13T396450	C13T396460
Light Cyan Ink Cartridge	C13T396500	C13T396510
Vivid Light Magenta Ink Cartridge	C13T396530	C13T396540
Light Black Ink Cartridge	C13T396750	C13T396760
Matte Black Ink Cartridge	C13T396900	C13T396910
Light Light Black Ink Cartridge	C13T396950	C13T396960
Orange Ink Cartridge	C13T396A00	C13T396A10
Green Ink Cartridge	C13T396B00	C13T396B10



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Epson Stylus[™] Pro 7900/9900

Epson Stylus Pro 7900
Epson Stylus Pro 9900

24 INCH MODEL
44 INCH MODEL

PRINTING TECHNOLOGY
PRINTING METHOD

Micro Piezo TFP print head
10-channel with Epson Variable-Sized Droplet Technology
360 nozzles each colour (x10)
Bi-directional printing, uni-directional printing
Auto Head Alignment Technology
Auto Nozzle Check Technology
Epson New LUT Technology

NOZZLE CONFIGURATION
PRINT DIRECTION

PRINT QUALITY
MAXIMUM RESOLUTION
MINIMUM DOT SIZE

2880 X 1440dpi
3.5pl

INK SYSTEM
INK

Epson UltraChrome HDR Ink Technology
(C, VM, Y, LC, VLM, LK, LLK, PK, MK, O, G)
11 slots, Photo BK <-> Matte BK ink selector
700ml/350ml

INK CAPACITY
PRINTER SOFTWARE ON CD-ROM
PRINTER DRIVER

Windows 2000, XP (32/64bit), Vista (32/64bit), Mac OS X 10.3.9 or later

PAPER HANDLING
PAPER FEED METHOD
ROLL DIMENSIONS

Friction Feed
24" 254mm - 610mm
2inch-core/3inch-core
44" 254mm - 1118mm
2 inch-core: Max Outside 103mm/
3 inch-core: Max Outside 150mm
CUT SHEET
24" Width 89mm - 610mm
44" Width 89mm - 1118mm
2 inch-core: Max Outside Diameter 103mm/
3 inch-core: Max Outside Diameter 150mm
24" 89mm - 610mm (24"): Roll Paper
210mm - 431.8mm: Cut Sheet
44" 89mm - 1118mm (44"): Roll Paper
210mm - 431.8mm: Cut Sheet
THICKNESS
0.08mm - 1.5mm

CONTROL PANEL
SIZE
COLOUR

2.5 inch Colour LCD
320 X 200 pix

INTERFACE

USB 2.0**, Ethernet 10 Base-T/100 Base-TX

CONTROL CODE

ESP/P raster, ESC/P2, ESC/P3

MEMORY

Printer: 256MB, Network: 64MB

ENVIRONMENTAL CHARACTERISTICS

TEMPERATURE
Humidity
Operating: 5°C - 35°C, Storage: -20°C - 40°C
Operating: 20 - 80% (no condensation)
Storage: 5 - 85% (no condensation)

ELECTRICAL SPECIFICATIONS

VOLTAGE
POWER CONSUMPTION
AC 100-240V 50/60Hz
24" Operating: 70W, Sleep mode: Less than 16W, Power off: Less than 1W
44" Operating: 80W, Sleep mode: Less than 16W, Power off: Less than 1W

ACOUSTIC NOISE LEVEL

<50 dB(A)

UTILITY SOFTWARE

EpsonNet Easyinstall, EpsonNet Config, EpsonNet Print (Windows only), LFP RemotePanel2

OPTION

SPECTROPROOFER MOUNTER 24" C12C890531
SPECTROPROOFER MOUNTER 44" C12C890521
AUTO TAKE-UP REEL UNIT (SP-9900 ONLY) C12C815321
AUTO CUTTER SPARE BLADE C12C815331
ROLL MEDIA ADAPTOR C12C811241
MAINTENANCE TANK C12C890191

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Dealer's Stamp