EPSON®
EXCEED YOUR VISION

Large Format Inkjet Printer
Epson Stylus® Pro WT7900

Package Proofing Just Got Serious!

- World's first aqueous inkjet proofer with white ink
- Fast and accurate for increased productivity
- Simplified in-house package proofing

Crystal clear colour proofs

Produce film-based package proofs in-house with the new Epson Stylus® Pro WT7900 — the world's first water-based inkjet package proofer with white ink. This highly accurate package proofer is ideal for professionals who want a cost-effective alternative to conventional proofing systems with white ink that can be both expensive and time-consuming. Boasting supreme ease-of-use and low maintenance, the Epson Stylus Pro WT7900 streamlines proofing workflow by allowing you to print directly to film without the need for costly devices or specialised skills.

EPSON ULTRACHROME **HDR**INK **WHITE**

Epson UltraChrome® HDR Ink with White

Another first for Epson — new Epson Ultrachrome HDR Ink with White. A complete set of inks that empower you to obtain high-quality film proofs with all the ease and quality for which Epson inkjet printers are renowned.

Multi-media proofing capability

The Epson Stylus® Pro WT7900 with white ink is all you need for creating precision proofs on a wide variety of media to simulate different packaging.

Transparent soft-package proofs

Clear package box proofs

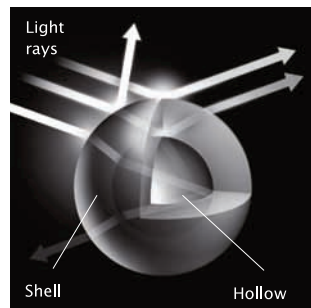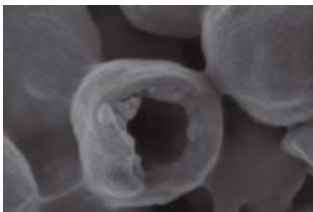Continuous-tone soft-package proofs

Luxury goods

Epson UltraChrome® HDR Ink with White
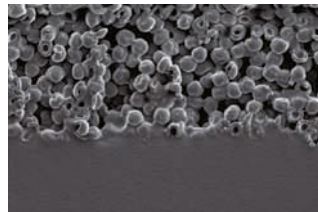
High-density white ink

Specially developed for the Epson Stylus® Pro WT7900, the water-based white ink is perfect for proofs of soft, clear packaging.
This innovative ink exhibits excellent white density and, unlike solvent and UV ink, can be used in office environments. It is odourless and is handled as easily as conventional aqueous inkjet package proofer inks.

Light rays

Shell

Hollow

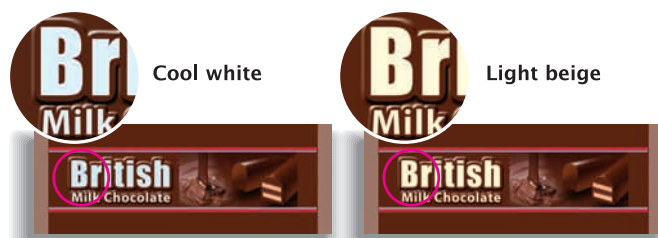**Cross section of ink particle**

Cross section of ink particle on media surface

Tinted whites

In conjunction with RIP software the precise colour control capability of the Epson Stylus® Pro WT7900 allows you to add subtle tints to white in order to simulate white ink used in the actual printing process.
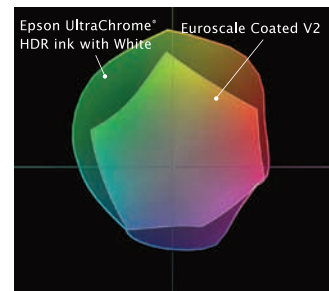
Cool white

Light beige

Smooth white gradations

White ink makes it possible to produce beautiful white gradations on soft-packaging film — indispensable when making proofs for transparent packages.

Wide colour gamut

By including green and orange inks in the Epson UltraChrome® HDR Ink set, colour gamut has been significantly expanded.
This translates into richer, more accurate spot colour simulation and smoother tonal gradations.

Epson UltraChrome® HDR ink with White

Euroscale Coated V2

White   Photo Black   Cyan   Light Cyan   Vivid Magenta   Vivid Light Magenta   Yellow   Green   Orange

Eye-catching spot colours

Custom spot colours never looked so good thanks to the wide colour gamut provided by Epson UltraChrome® HDR Ink with White and Epson ClearProof™ Film. The addition of orange, green and high-density white ink delivers outstanding spot colour coverage to meet virtually any package proofing requirement.

Low maintenance white ink

Unlike standard white ink, which needs frequent agitation, Epson's white ink is very easy to maintain. The pigment in the ink solution remains suspended longer, needing a shake only once a week. For added convenience, a message on the LCD panel alerts you when agitation is required.

Genuine Epson ClearProof™ Film

The perfect match for Epson UltraChrome® HDR Ink with White, Epson's ClearProof Film is the media of choice for high-quality proofing applications. This new film exhibits increased ink adherence capability, resulting in excellent print quality even when printing vivid or deep colours that require high ink duty.
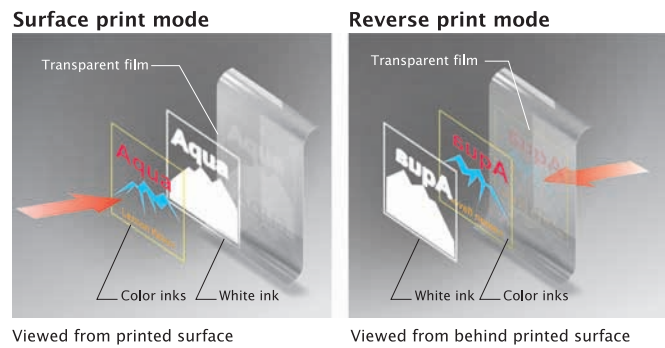
Epson ClearProof Film   **Competitor A**   **Competitor B**

4pt.ABCDEFGHIJK
6pt.ABCDEFGHIJ

4pt.ABCDEFGHIJK
6pt.ABCDEFGHIJ

4pt.ABCDEFGHIJK
6pt.ABCDEFGHIJ

* Print quality comparisons performed under identical conditions.

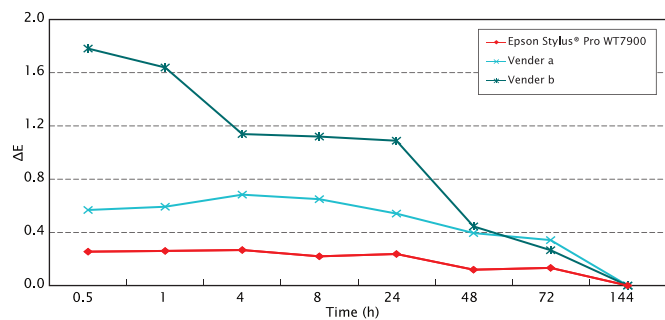Note: Functionality varies depending on RIP software.

Surface and reverse print modes

Two print modes fulfill a wide variety of proofing requirements. Surface print mode, which lays down white ink first then overprints other colours, is ideal for printing on either transparent or opaque media. Reverse print mode does the opposite, producing rich, vivid proofs on transparent media that can be viewed from the non-printed side.

Surface print mode

Transparent film

Color inks   White ink

Viewed from printed surface

Reverse print mode

Transparent film

White ink   Color inks

Viewed from behind printed surface
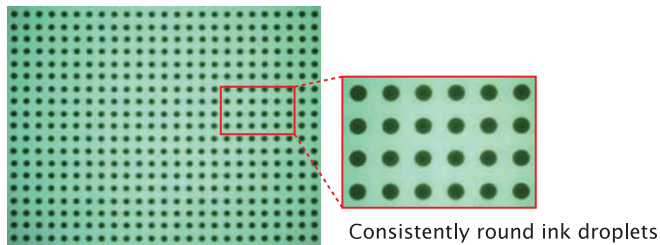
Faster drying time, excellent colour stability

A unique ink-absorbing layer incorporated in Epson ClearProof™ Film rapidly absorbs ink, allowing proofs printed with Epson UltraChrome® HDR Ink with White to become colour-stable almost instantly. This also results in faster drying times.

Epson Stylus® Pro WT7900
Vender a
Vender b

ΔE

Time (h)

Accurate, reliable, and easy to use.

Advanced MicroPiezo TFP® Print Head

The Epson Stylus® Pro WT7900 is equipped with a MicroPiezo TFP Print Head. Capable of delivering well-defined dots with virtually no misting or satellites, this cutting-edge print head is optimised for Epson UltraChrome® HDR Ink with White and Epson's own Variable-Sized Droplet Technology to produce drops as small as 3.5 picolitres. Additionally, the head is designed to markedly decrease print time while optimising image quality.

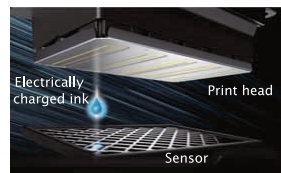Consistently round ink droplets

SpectroProofer®

Simplify colour management with the optional SpectroProofer. This high-performance in-line spectrophotometer automates processes such as printing and measuring colour patches for linearlisation, ICC profile creation and proof certification.

Auto Nozzle Check System

To assure proper printing, a built-in sensor quickly verifies print nozzle status and automatically cleans the print head when required. Even partially clogged nozzles will be located with this intelligent system.

Electrically charged ink

Print head

Sensor

* Illustration is for instructional purposes only and does not represent the actual nozzles of the Epson Stylus Pro WT7900.
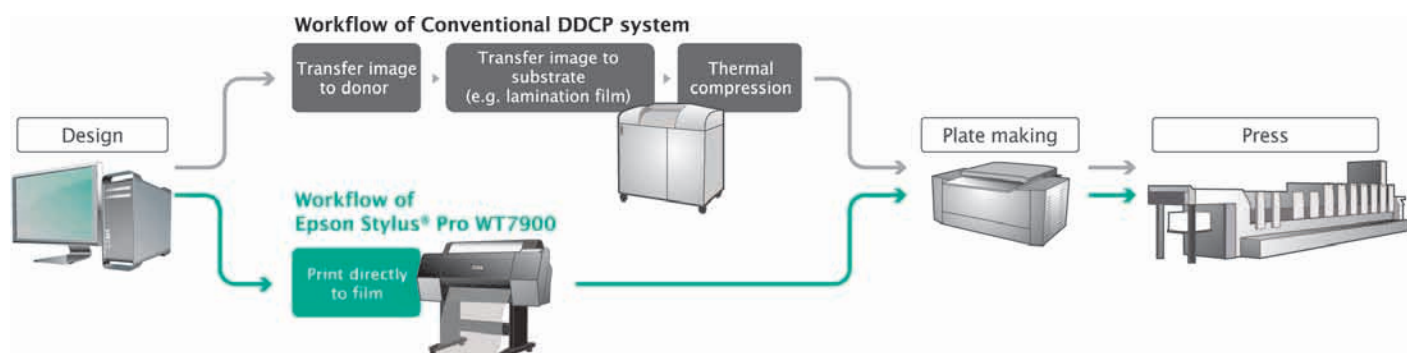
Precise overlays

Epson's MicroPiezo TFP® Print Head delivers superb accuracy, resulting in precise white trapping with colour.

A simple way to better proofs

The Epson Stylus® Pro WT7900 is designed to fit current proof-to-print workflows of major RIP and workflow systems providers. In addition, since it works like a standard inkjet package proofer, no special skills are required to obtain beautiful proofs, unlike conventional DDCP systems.

Workflow of Conventional DDCP system

Transfer image to donor → Transfer image to substrate (e.g. lamination film) → Thermal compression

Design

Workflow of Epson Stylus® Pro WT7900

Print directly to film

Plate making

Press

Industry Support

For seamless integration into existing packaging workflows and a wider choice of proofing solutions, the Pro WT7900 is supported by leading software companies and backed by Epson authorised dealers and a national service network. This wide industry support for the WT7900 promotes a:

1.   Shorter learning curve
2.   Greater choice of total solutions

Film Stacker (standard)

The Film Stacker on the Pro WT7900 carefully collects and stacks proofs to prevent damage to the printed surface.

Epson Professional Media

The Epson Stylus® Pro WT7900 and Epson UltraChrome® HDR Ink with White are designed for optimal performance when used with Epson's full range of professional media.

Transparent Soft Package Proofs

Epson ClearProof™ Film

Continuous Tone Soft Package Proofs

Premium Glossy Photo Paper

Proofing Paper White Semimatte

Clear Package Box

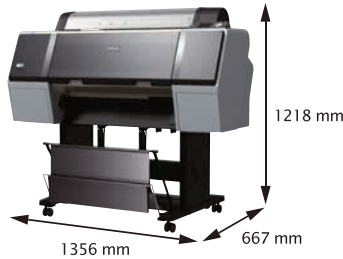Epson Clear Proof Film

High End Package Proofs

Epson Clear Proof Film

Premium Glossy Photo Paper

Proofing Paper White Semimatte

Epson Stylus® Pro WT7900

Epson Stylus® Pro WT7900

1218 mm
1356 mm
667 mm

SPECIFICATIONS

24-inch Model	Epson Stylus® Pro WT7900

Printing Technology

Printing Method	MicroPiezo TFP® Print Head
	10-channel with Epson Variable-Sized Droplet Technology
Nozzle Configuration	360 nozzles for each colour (x10)
Print Direction	Bi-directional; Uni-directional
Others	Auto Head Alignment Technology
	Auto Nozzle Check System

Print Quality

Maximum Resolution	1440 x 1440 dpi
Minimum Ink Droplet Volume	3.5 pl

Ink System

Ink	Epson UltraChrome® HDR ink with White technology
	(Photo Black, Cyan, Vivid Magenta, Yellow, Light Cyan, Vivid Light Magenta, Orange, Green, White, Cleaning)

Ink Capacity

Colour Ink	700 ml/350 ml
White Ink	350 ml/150 ml

Paper Handling

Paper Feed Method	Friction feed
Roll Dimensions	254 mm - 610 mm, 2-inch core/3-inch core
	2-inch core: Max φ103 mm/3-inch core: Max φ 150 mm
Printing Area (width)	Roll paper: 406 mm - 610 mm
	Cut sheet: 210 mm - 610 mm
Thickness	0.08 mm - 1.50 mm

Control Panel

Colour	2.5-inch colour LCD
Size	320 x 200 pixels

Interface

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

Control Code

	ESP/P raster
	ESC/P2

Memory

	Printer: 256 MB
	Network: 64 MB

Environment

Temperature	Operating: 5˚C - 35˚C
	Storage: -20˚C - 40˚C
Humidity	Operating: 20% - 80% (no condensation)
	Storage: 5% - 85% (no condensation)

Dimensions/Weight*

Dimensions (W x D x H)	Without Media Basket: 1,356 x 667 x 1,218 mm
	With Media Basket: 1,356 x 1,442 x 1,218 mm
Weight	Without Media Basket: Approx. 101 kg
	With Media Basket: Approx. 103 kg
	* Including printer stand

Electrical Specifications

Voltage	AC 100-240V 50/60Hz
Power Consumption	Operating: 60 W
	Sleep mode: Less than 14 W
	Plug-in Off (Standby): Less than 1 W

Noise Level

	Approx. 50 dB(A)

Utility Software*

	Communications Driver
	Epson LFP Remote Panel 2
	EpsonNet Setup
	EpsonNet Config
	Epson Online Registration
	EpsonNet Print
	Epson Network Utility
	* Windows® 2000/XP (32/64bit), Windows® Vista (32/64bit)/Windows® 7

Options

C12C890531	SpectroProofer® Mounter 24"
C12C815331	Auto Cutter Spare Blade
C12C811241	Roll Media Adapter
C12C890191	Maintenance Tank

Epson Media

PRODUCT CODE	GENUINE Epson PAPERS
C13S042371	Epson Clear Proof Film 17" x 30m
C13S042372	Epson Clear Proof Film 24" x 30m
C13S042003	Epson Proofing Paper White Semimatte 17" x 30.5m
C13S042004	Epson Proofing Paper White Semimatte 24" x 30.5m
C13S041742	Epson Premium Glossy Photo Paper (250) 16" x 30.5m
C13S041638	Epson Premium Glossy Photo Paper (250) 24" x 30.5m
TBD	Epson MetallicProof Film 17"
TBD	Epson MetallicProof Film 24"

Better Products for a Better Future