

PLUG AND PLAY DYE INKS

PP

For Epson Desktop and Large Format Printers

The Plug and Play dye inks are similar in colour to the dye inks of the Epson 1160 / 1270 / 1290 etc. printers... but have also successfully been used with several other Epson desktop printers.

Media compatibility is broad, though swellable polymer type glossy papers may not be suitable for use with these inks.



GENERATIONS ENHANCED & ELITE

G4 GE

For Epson Desktop and Large Format Printers

Generations Elite is a 100% pigmented inkset suitable for those wanting a long print life suitable for outdoor displays etc. The Enhanced (G4) variant uses a Black position ink with 75% pigmented, 25% dye to produce a deeper black. As with other pigmented inks, they are not suitable for glossy paper stocks. These inks do exhibit some metamerism, but to a lesser extent than Epson 'Encapsulated Pigments' as used in the 2000P, 7500 etc.



UL PIGMENT INKS

UL

For Epson C70 / C80 / 2100 etc

Broadly designed to emulate the capabilities of Epson OEM pigment inks, this inkset uses pigment colourants. Available in 8 ink colours (including Light, Photo and Matte Blacks) these are suitable for matte and a limited range of glossy papers - however the latter is limited by the rollers on the 2100 printer, for example.

Some metamerism can be seen with these inks, but to a lesser extent than the equivalent OEM inks.

For best results, ICC profiles are recommended.



Piezography BW 'PiezoTone' Inks

COVER SHEET
PIEZOGRAPHY™ BW
ICC

For selected Epson desktops supported by Piezography BW

The PiezoTone inks are available in four different 'hues' - Carbon Sepia, Warm-Neutral, Selenium Tone and Cool-Neutral. All the colour position inks are 100% pigment with excellent expectations for longevity. There is also a choice of three Black inks offering different depths of Black against expected longevity - with 'Museum Black' being a 100% pigment solution. Due to the wide choice of inks in this set, and their use with specialist software / profiles, we have extensive support pages online, and sample prints are available.

LYSON FOTONIC FOR 2100



For Epson Desktops excl. 700, 750, Photo Ex, 2100 and other recent models

Lyson Fotonic is a wide-gamut dye based inkset suitable for producing a broad range of colours on many matte and glossy paper types... though 'bronzing' is evident on some gloss papers. These inks have a good expectation of print longevity that often exceeds those expected from OEM dye inks. These inks are not at all like Epson / Canon ink colours, and ICC profiles are a requirement (a limited range of generic profiles are available free with our CIS + Ink bundles).



For Epson 2100 and 950 desktops
As with the Lyson Fotonic 'LF' variant, these inks offer good longevity mixed with wide gamut, and broad paper compatibility. These inks feature a slightly improved formulation suitable for the 2100 printer.

A variant of this ink is also available for large format printers (Epson 5000, 7000, 9000 etc).



LYSON PHOTOCHROME

LP

For Epson 2100 and similar printers

A pigment based ink (possibly with some added dyes) from Lyson that will provide longer life prints. A single black ink is used for convenience, offering compatibility with several matte and semigloss / gloss papers.

As a pigment-based ink, greater image stability / longevity is expected than even the Lyson Fotonic dye inks are able to provide.



Lyson Small Gamut

LYSONIC
Small Gamut

For selected Epson desktops

The Small Gamut inkset is designed to produce toned monochrome images from a single long-life dye based inkset. Whilst technically a colour inkset, the inks are all rather 'grey'. Best results will be obtained with applications capable of using ICC profiles; but instructions are available to use these inks with non-ICC aware applications. As ever, best results will also be obtained with bespoke profiles made for your printer. These inks do suffer from metamerism.



MWORDS Ink Comparison Chart

		Dye	Pigmented / Mix	Pigment	For Glossy Papers	For Matte papers	Similar to OEM Ink Colours?	Generic Profiles Available?	Maximum tested longevity (yrs) [†]	Flush Fluid Required?	For Printer Types	Known Caveats
Plug and Play	P&P	✓			✓	✓	✓				Most Epson Desktops and Large Format printers	Limited compatibility with 'Swellable polymer' type gloss and semigloss papers
Generations Enhanced	G4		✓			✓			100+		Most Epson Desktops and Large Format printers	Some metamerism
Generations Elite	GE		✓			✓			100+		Most Epson Desktops and Large Format printers	Some metamerism
UL Pigment inks	UL			✓	✓	✓	✓				Epson C70, C80, C82, 2100 etc.	Photo Black works on many gloss papers - rollers need to be raised on 2100 (procedure online)
Lyson Fotonic	LF	✓			✓	✓		✓	69	✓	Most Epson desktops excluding 700, 750, Photo Ex and 2100 and later printers	Bronzing appears on some glossy papers
Lyson Fotonic for 2100	L2	✓			✓	✓		✓		✓	Desktop printers like the 2100. A variant of this ink is available for large format printers.	
Lyson PhotoChrome	LP		?	?	✓	✓		✓		✓	For Epson printers using UltraChrome inks, e.g. 2100	Bronzing on some glossy / semigloss papers
PiezoTone Inks	PZ		✓	✓		✓				✓	A range of Epson desktop printers; 1160, 1200, 1290 being the most popular	Requires the Piezography BW software, or ICC profiles coming soon
Lyson Small Gamut	SG	✓			✓	✓		✓		✓	A range of Epson desktop printers	Some metamerism

Guide to Using Your Inks

These inks are supplied in 125ml and on occasion 500ml or larger bottles. At MWORDS, we mostly intend them to be used with our Continuous Inking Systems; but in most cases they can often be used with self-fill cartridges.

We strongly recommend that you do not mix inks or inksets. For example, use one colour ink from one inkset with those from another; this could create unreliable colour and longevity results. Similarly, we recommend that you do not mix the same ink colour from different inksets; this too will result in unreliable colour, and on some occasions could cause the ink to gel up and become unprintable. When switching inks with a CIS, there are procedures to follow that are documented on our website, in the CIS FAQs.

You should take care to follow installation instructions for your ink carefully; as you will see, we recommend the use of a 'Flush / Cleaning' fluid prior to installation of some inks. This is not to clean the print heads, but more to ensure that the new ink does not mix with the old and potentially gel up.

Overall, we believe that each ink we sell has its benefits, and we are confident that with a little thought, you should be very happy with your choice of ink.

The Small-Print

We always endeavour to provide as much information about our inks as we are able! This document forms a summary of many web-pages, info sheets, FAQs, Paper Compatibility tests and so on; all of which can be seen on our website under the Support section. We have tried to make this summary cover the key issues, but we may have missed something.

In particular, always bear in mind that the use of a third-party ink may cause changes to your work-flow (particularly in relation to colour management). Therefore, we recommend that you do not undertake a move to a new inkset just before a major deadline! In the respect of colour-management, you will almost certainly get best results from colour inks with a bespoke profile made for your particular printer. There are links on our site to companies that offer such services. If you frequently print images from applications that do not have Colour Management support, such as Microsoft Word or PaintShopPro, inks that suggest the use of ICC profiles may not be suitable for you.

† The *maximum* tested longevity figures are from manufacturer / supplier figures and typically reflect 'standard' accelerated test conditions. Longevity of an image may vary a great deal depending on the paper used; especially when you are using dye inks. Where longevity of an image is critical to you, you should undertake your own tests in the required ink / paper combinations.