



2100 Series Mutoh ValueJet Printers

- **Substantial savings over OEM ink**
- **220ml and 440ml cartridges**
- **Color Matched to Eco-Ultra inks**
- **No profiling necessary**
- **Reliable unattended printing**
- **Compatible with OEM ink**
- **No Clog/Fast Drying Formula**
- **Low odor solvents**

Nazdar's Lyson® Series 2100 Ink is a true alternative to OEM Eco-Ultra ink set for the Mutoh ValueJet printer range. Our cartridges are 100% compatible and install just like your OEM cartridges. 2100 Series Ink is color matched to the current Eco Ultra ink sets, eliminating the need to profile. Unattended printing is safe and reliable with our no clog, fast drying formula. Our display longevity performance matches that of the OEM ink and, as with all Lyson® branded solutions, you will realize substantial cost savings over the OEM product.

You will find the Lyson® brand embedded in the history of nearly every inkjet printer manufacturer currently offering products to the market. Nazdar continues to enjoy the position as a preferred inks manufacturer to a number of OEM partners. As one of the most experienced ink development companies in the world, Nazdar offers more knowledge and R&D expertise than any other ink company in the market today.

Nazdar is known for products that are at the leading edge of color and performance in the ink jet world. While we continue to develop innovative new products, we are very aware of the market requirement for products that very simply match the characteristics of the OEM offering.

With the industry's strongest third party warranty, you'll take comfort in knowing that Nazdar stands behind every



drop of Lyson® digital ink that it supplies. Nazdar's warranty states that if Lyson® inks are ever proven responsible for the breakdown of a digital printer, Nazdar will provide reimbursement for the cost required to repair any damage to the ink train.

We proudly offer our Lyson® branded products as the most reliable and technically advanced in the industry. Keep an eye on Nazdar and the Lyson® brand as more new; innovative and essential products are sure to come.

Item#	Description
Cartridge: 220ml	
LWS2100CYC2	LYSON 2100 CYAN 220ML CART
LWS2100KKC2	LYSON 2100 BLACK 220ML CART
LWS2100MAC2	LYSON 2100 MAGENTA 220ML CART
LWS2100YEC2	LYSON 2100 YELLOW 220ML CART
LWS2100FC2	LYSON 2100 FLUSH SOLUTION 220ML
Cartridge: 440ml	
LWS2100CYC4	LYSON 2100 CYAN 440ML CART
LWS2100CLC4	LYSON 2100 LT CYAN 440ML CART
LWS2100KK C4	LYSON 2100 BLACK 440ML CART
LWS2100MAC4	LYSON 2100 MAGENTA 440ML CART
LWS2100MLC4	LYSON 2100 LT MAGENTA 440ML CART
LWS2100YEC4	LYSON 2100 YELLOW 440ML CART
LWS2100FFC4	LYSON 2100 FLUSH SOLUTION 440ML





2100 Series *Mutoh ValueJet Printers*



Frequently Asked Questions (FAQs):

Q: Which digital printers does this ink work in?

A: Mutoh ValueJet 1204 and 1604.

Q: Will my print colors change if I use this ink?

A: No. Lyson® 2100 color matched system. No profiling necessary.

Q: Will this ink really save me money?

A: Yes, Nazdar can show you the R.O.I.

Q: Where is my closest distributor?

A: Visit www.nazdar.com to find your local dealer.

Q: How do I swap out the ink in my printer?

A: Ink conversion instructions are available at www.nazdar.com or call 913-422-1888.

Q: If this ink damages my printer, will Nazdar fix it?

A: Nazdar stands behind every drop of ink. If our ink is confirmed to have damaged your printer, Nazdar will repair your machine's ink train to its previous condition.

Q: Who will service my machine if I don't use the Original Equipment Manufacturers (OEM) ink?

A: By law the OEM must service your machine, regardless of the ink in your printer. However, Nazdar has trained/certified technicians that can assist in all your service needs.

NAZDAR®

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Lyson[®] 2100 Series Digital Imaging Inks are designed as a high quality alternative for OEM Mutoh ValueJet inks. The primary features of these inks are as follows:

- OEM color match to Eco Ultra™, avoiding the need to profile when replacing these inks.
- Cartridges compatible with Mutoh ValueJet 1204, 1304, 1604, 1608, 1614 and 2606 when using Eco Ultra inks.
- Convenient packaging in 220ml and 440ml cartridges.
- Excellent exterior performance with proven resistance to the effects of UV degradation and color fading.
- High impact, high intensity colors equivalent to the original OEM (as above) ink set.
- Reduced odor and VOC content when compared to true solvent inks.
- Consistent color density values.
- Excellent adhesion and flexibility on most digital inkjet media.
- Enhanced drying characteristics minimize the risk of “blocking”.

SUBSTRATES

Compatible with a wide range of self supporting flexible and pressure sensitive vinyl, banner, blue back paper and backed mesh.

USER INFORMATION

INK CHANGEOVER

Inks can be installed directly after OEM inks, but, all colors must be changed during initial install.

If installing onto non OEM inks, a flushing procedure must be under taken.

A fully illustrated change over procedure is available on request and must be used for all conversions.

When installing Nazdar Inks onto a newly commissioned printer, without first using Mutoh OEM inks, you must use Nazdar flush cartridges and not the provided Mutoh cleaning cartridges as detailed in the installation instructions provided with your printer. Further information briefing this procedure can be found in appendix 3 of the conversion procedure document.

CLEAN UP

Cleaning Solution: Use LWS2100FF Flush Solution for the most effective cleanup of ink spills and cleaning of jet assemblies.

STORAGE & TRANSIT

Storage and transportation of ink and cleaning solutions should be carried out between 5° - 25°C (41° - 77°F). Ink and cleaning solutions should always be kept away from heat, sparks, and flames. If stored or transported at a different temperature, the ink should be allowed to reach room temperature before calibration or printing. This may have an adverse affect on performance and will affect any warranties given by Nazdar[®].

Recommended shelf life of this product is 15 months from the date of manufacture when stored under preferred conditions.

GENERAL INFORMATION

INK HANDLING

All personnel mixing and handling these products must wear gloves and eye protection. Clean up spills immediately. If ink does come in contact with skin, wipe ink off with a clean, dry, absorbent cloth (do not use solvent or thinner). Wash the affected area with soap and water. Consult the Lyson[®] 2100 Series Material Safety Data Sheet for further instructions and warnings (available on request).

WEATHERING / OUTDOOR DURABILITY

Lyson[®] 2100 Series Inks are designed for maximum outdoor resistance to color fade and chemical attack caused by the combined effects of UV degradation and environmental pollution. Each color is formulated with durable long-term outdoor pigments. When Nazdar[®] Lyson[®] 2100 Series Inks are used with proper color management, color variance of the original print density will be minimal over a period of 24 months for vertical outdoor exposure.

FIRMWARE COMPATIBILITY

Please be aware that the firmware listed is for guidance only and compatibility may exceed that stated. We cannot however, guarantee compatibility outside of these versions.

VJ 1204: up to 1.16
VJ 1304: up to 1.00
VJ 1604: up to 1.11
VJ 1614: up to 1.00

PRODUCT OFFERING

PACKAGING

All colors listed below are available in 220ml and 440ml cartridges, with additional 440ml Light Cyan and Light Magenta cartridges also available.

Stock Number	Standard Printing Colors	Stock Number	Standard Printing Colors
LWS2100CY	Cyan	LWS2100YE	Yellow
LWS2100MA	Magenta	LWS2100KK	Black

PACKAGING

Flush solution is available in 220ml cartridges and 1 Liter containers.

Stock Number	Flushing Solution
LWS2100FF	Flush Solution



LYSON[®] 2100 SERIES MICRO PIEZO INKJET INK

TECHNICAL DATA SHEET

To ensure Nazdar[®] Lyson[®] 2100 Series Ink density values do not change during outdoor exposure, it is important to use proven substrates (flexible vinyls and pressure sensitive vinyls) that do not “yellow” or vary from their original white cast when exposed outdoors. All Nazdar[®] Lyson[®] 2100 Series Inks are formulated for maximum adhesion to an extensive range of unsupported and pressure sensitive vinyls. Always pretest for acceptable adhesion prior to production.

Nazdar[®] stands behind the quality of this product. Nazdar[®] cannot, however, guarantee the finished results because Nazdar[®] exercises no control over individual operating and production procedures. While technical information and advice on the use of this product is provided in good faith, the user bears sole responsibility for selecting the appropriate product for their end use requirements. Users are also responsible for testing to determine that our product will perform as expected during the printed item’s entire life cycle from printing, post print processing, and shipment to end use. This product has been specially formulated for digital printing, and it has not been tested by any other method. Any liability associated with the use of this product is limited to the value of the product purchased from Nazdar[®].

Based on information from our raw material suppliers, these products are formulated to contain less than 0.06% lead.
If exact heavy metal content is required, independent lab analysis is recommended.

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