



DNSC
Diversified nano
solutions corp

*Authorized INKcrypt® Ink
Biomarker Solutions Partner*

2022/23 | 1.0

Price List & Product Overview

End User



inkcrypt
goinkcrypt.com

*Protecting Brands
& Customers*



Series	Carrier Type	Density g/ml	Colorant	Particle Size (nm)	Mag Sig. %	pH	Visc. cps	S/T dyn/cm	OD	Special Effect	Colorant Stability	Operating / Storage	Shelf Life. Years
K-MICR	Aqu.	1.2-1.6	Pig.	50	40-150%	6.8-8.5	4 -13	30-42	92-99	Magnetic	< 1800 C	15-45C / -10-60C	2
V-Value	Aqu., Solvent	1.05-1.12	Dye	NA	NA	6.8-8.5	2 -13	30-42	95-110	None	< 400 C	15-35C / 0-60C	2
E-Elite	Aqu., Solvent UV curing	1.05-1.15	Pig.	<170	NA	6.8-8.5	2 -13	30-42	99-125	None	< 400 C	15-35C / 0-60C	2
I-Invisible IR/ UV Fluorescent	Aqu., Solvent UV Curing	1.05-1.1	Dye/Pig.	<170	NA	6.8-8.5	3 -13	30-42	NA	iRed, iGreen iBlue, iOrange iYellow, iWhite iCustom Color	< 250 C	15-35C / 0-60C	2
S-Special	Aqu., Solvent UV Curing	1.05-1-15	Dye/Pig.	<170	NA	6.8-8.5	2 -13	30-42	92-120	None	< 400 C	15-35C / 0-60C	2
M-Magnetic Fluid	Aqu.	1.7-1.95	Pig.	50+/-20	200-250%	6.8-8.5	5 -13	30-42	92-94	Magnetic	< 1800 C	15-35C / 0-60C	2

Compatibility: Inkjet Print Systems and Devices based on Thermal and Piezo Inkjet Print Heads

Brother, Canon, HP, Domino, Xerox, Kodak VersaMark VL, Impika, Funai, Konica Minolta, Amica Systems, Ricoh, Epson, Screen, Kyocera, Panasonic, FujiFilm / Dimatix, Xerox and more. Please contact Diversified Nano Solutions Corporation for further details.

Note: M-Series consists of highly concentrated magnetic nano particles dispersed in water which requires further Ink additives for inkjet compatibility. Inkjet Systems based on Memjet print heads are compatible with DNSC MICR (<45nm) or dye based inks.



ORDER FORM

BILLING ADDRESS:		DELIVERY ADDRESS:	
Company:	_____	Company:	_____
Address:	_____	Address:	_____
City:	_____	City:	_____
State (Prov.):	_____ Zip: (PC): _____	State (Prov.):	_____ Zip: (PC): _____
Country:	_____	Country:	_____
Contact Name:	_____	Contact Name:	_____
Country Code / Phone:	_____	Country Code / Phone:	_____
Email:	_____	Email:	_____
Ship Carrier / Account Number:	_____	Ship Service Level:	_____

ORDER DETAILS (check all that apply):

- User Category: System User Reseller Manufacturer/Integrator
- Print Head Platform: Brother Canon Epson Fuji Dimatix HP Konica Minolta Kyocera Lexmark Panasonic Ricoh
- Liquid Carrier: Aqueous Solvent UV Curing Oil
- Colorant Type: Dye Pigment Hybrid Dye/Pigment None
- Substrate: MP (multi-purpose: non-coated porous/non-porous/corrugate) NP (non-porous surface treated) PH (Pharma Packaging/Foils) S-Security/Authentication MICR-Magnetic Reading IS-Invisible Scanning PL-Plastic ME-Metal O-Other

DNSC Discount Code: _____ (Contact info@diversifiednano.com)

DNSC USE ONLY

Part Number	Item Description	Quantity	Item Price	Discount	Total
Purchase Order Number: _____				Subtotal:	
Terms (if applicable): _____				Sales Tax (if applicable):	
Credit Card Number: _____				Shipping & Handling (if applicable):	
Name on Card: _____				Wire Transfer Fee (if applicable):	
Expiration Date: _____ CV2: _____					
Signature: _____				ORDER TOTAL: \$	

FOB: San Diego (US) / Lucerne (CH) / Lead time: 1-6 weeks

Please submit your order by Email (info@diversifiednano.com) or Fax (1-858-924-1041)
A sales representative will contact you back to confirm effective discounts and complete your order.

Click to launch web form:

diversifiednano.com/OrderForm.aspx

x-nano™ Pricing Overview

1L Samples 50% Off Suggested Price



MICR K-Series

Part#	Description	Suggested End User Price /L*
Km1XK	x-nano™ Elite Black MICR K1	Contact
Km2XK	x-nano™ Elite Black MICR K2	Contact
Km3XK	x-nano™ Elite Black MICR K3	Contact
Km4XK	x-nano™ Elite Black MICR K4	Contact
Km5XK	x-nano™ Elite Black MICR K5	Contact
KmWP	x-nano™ HP Webpress MICR 0101X	Contact

Dye V-Series

Part#	Description	Suggested End User Price /L*
K1XV	x-nano™ Premium Black	\$39
C1XV	x-nano™ Premium Cyan	\$49
M1XV	x-nano™ Premium Magenta	\$49
Y1XV	x-nano™ Premium Yellow	\$49
O1XV	x-nano™ Premium Orange (Spot)	\$59
B1XV	x-nano™ Premium Blue (Spot)	\$59
G1XV	x-nano™ Premium Green (Spot)	\$59
R1XV	x-nano™ Premium Red (Spot)	\$59

Pigment E-Series

Part#	Description	Suggested End User Price /L*
<i>Offset Stock Compatible</i>		
K2XE	x-nano™ Elite Black 2 OSC	\$79
C2XE	x-nano™ Elite Cyan 2 OSC	\$79
M2XE	x-nano™ Elite Magenta 2 OSC	\$79
Y2XE	x-nano™ Elite Yellow 2 OSC	\$79
<i>UV Cure</i>		
K3XE	x-nano™ Elite Black 2 UVC	\$95
C3XE	x-nano™ Elite Cyan 2 UVC	\$95
M3XE	x-nano™ Elite Magenta 2 UVC	\$95
Y3XE	x-nano™ Elite Yellow 2 UVC	\$95

Invisible I-Series

Part#	Description	Suggested End User Price /L*
R1XI	x-nano™ Invisible UV Red	\$499
G1XI	x-nano™ Invisible UV Green	\$499
B1XI	x-nano™ Invisible UV Blue	\$499
W1XI	x-nano™ Invisible UV White	\$499
O1XI	x-nano™ Invisible UV Orange	\$499
Y2XI	x-nano™ Invisible UV Yellow	\$499
K1XI	x-nano™ Invisible Black IR (783)	\$699
K2XI	x-nano™ Invisible Black IR (820)	\$699
K3XI	x-nano™ Invisible Black IR (960)	\$699
K4XI	x-nano™ Invisible Black IR (1040)	\$699

Pigment E-Series

Part#	Description	Suggested End User Price /L*
K1XE	x-nano™ Elite Black	\$52
C1XE	x-nano™ Elite Cyan	\$59
M1XE	x-nano™ Elite Magenta	\$59
Y1XE	x-nano™ Elite Yellow	\$59
O1XE	x-nano™ Elite Orange (Spot)	\$79
B1XE	x-nano™ Elite Blue (Spot)	\$79
G1XE	x-nano™ Elite Green (Spot)	\$79
R1XE	x-nano™ Elite Red (Spot)	\$79
X1XE	x-nano™ Elite Custom	###

Special S-Series

Part#	Description	Suggested End User Price /L*
Ks6XK	x-nano™ Elite Black Km6 (for MICR)	\$59
K1XS	x-nano™ Elite Black Fast-Dry	\$79
K2XS	x-nano™ Elite Black FDX UltraFast-Dry	\$89
R1XS	x-nano™ Elite Red Fast-Dry	\$99
R2XS	x-nano™ Elite Red FDX UltraFast-Dry	\$109
B1XS	x-nano™ Elite Blue Fast-Dry	\$109
B2XS	x-nano™ Elite Blue FDX UltraFast-Dry	\$109
G1XS	x-nano™ Elite Green Fast-Dry	\$109
G2XS	x-nano™ Elite Green FDX UltraFast-Dry	\$109
N2XS	x-nano™ Universal JetFix 1 – Flush	\$38
N2XS	x-nano™ MICR Flush JetFix 2a – Flush	\$69

MICR Base M-Series

Concentrated Magnetic Fluid Dispersion (aqu.)

Part#	Description	SRP/L
MFI-X	x-nano™ Magnetic Fluid 1 (1.65g.ml)	\$580
MFM-X	x-nano™ Magnetic Fluid 2 (>1.75g ml)	\$780

Add custom INKcrypt® biomarker security:

From \$495 per L of Ink

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X-Series Special Effect Materials

Photoluminescent Pigment Powder

Part#	Description	Suggested End User Price/Kg*
XPLG-001/999	x-nano™ PhotoLum Green	\$449
XPLB-001/999	x-nano™ PhotoLum Blue	\$449
XPLV-001/999	x-nano™ PhotoLum Violet	\$449
XPLR-001/999	x-nano™ PhotoLum Red	\$449
XPLW-001/999	x-nano™ PhotoLum White	\$449

IR - Absorbing Pigment & Dye Powder

Part#	Description	Suggested End User Price/Kg*
XIRK-780-790P	x-nano™ IR-Absorbing 780-790	\$12,499
XIRK-810-850P	x-nano™ IR-Absorbing 810-850	\$8,499
XIRK-880-940P	x-nano™ IR-Absorbing 880-940	\$8,499
XIRK-1000-1040P	x-nano™ IR-Absorbing 1000-1040	\$9,499
XIRK-1070P	x-nano™ IR-Absorbing 1070	\$14,499

UV Fluorescent Pigment Powder (10-20um)

Part#	Description	Suggested End User Price/Kg*
XUVG-510-540P	x-nano™ UVF Green	\$2,499
XUVB-460-480P	x-nano™ UVF Blue	\$2,499
XUVR-620-640P	x-nano™ UVF Red	\$2,499
XUVY-560-580P	x-nano™ UVF Yellow	\$2,499
XUVO-590-610P	x-nano™ UVF Orange	\$2,499
XUVW-###P	x-nano™ UVF White	\$2,499

IR - Absorbing Pigment Dye Based Dispersions for Digital Ink Creation

Part#	Description	Suggested End User Price/Kg*
XIRK-780-790D	x-nano™ IR-Absorbing Disp. 780-790	\$4,499
XIRK-810-850D	x-nano™ IR-Absorbing Disp. 810-850	\$4,499
XIRK-880-940D	x-nano™ IR-Absorbing Disp. 880-940	\$4,499
XIRK-1K-1040D	x-nano™ IR-Absorbing Disp. 1000-1040	\$4,499
XIRK-1070D	x-nano™ IR-Absorbing Disp. 1070	\$4,499

UV Fluorescent Pigment Based Dispersions

Part#	Description	Suggested End User Price/Kg*
XUVG-510-540D	x-nano™ UVD Green	\$2,499
XUVB-460-480D	x-nano™ UVD Blue	\$2,499
XUVR-620-640D	x-nano™ UVD Red	\$2,499
XUVY-560-580D	x-nano™ UVD Yellow	\$2,499
XUVO-590-610D	x-nano™ UVD Orange	\$2,499
XUVW-###D	x-nano™ UVD White	\$2,499

Food Grade Pigment Powder

Part#	Description	Suggested End User Price/Kg*
FGK-001/999	x-nano™ Food Grade Black (P)	TBQ
FGB-001/999	x-nano™ Food Grade Blue (P)	TBQ
FGR-001/999	x-nano™ Food Grade Red (P)	TBQ
FGY-001/999	x-nano™ Food Grade Yellow (P)	TBQ
FGO-001/999	x-nano™ Food Grade Orange (P)	TBQ

Water Based HP TIJ 2.5 – Original New HP Cartridge (not remanufactured)



MICR
 Black
 Cyan
 Magenta
 Yellow
 Red
 Blue
 Green
 UV Fluorescent (Red, Green, Blue)
 NIR Absorbing/Fluorescent

Part#	Description	Suggested End User Price [\$/ Unit
MICR		
xn45-3X1Gd	x-nano™ 3X1GX MICR Black HP45 Print Cartridge	\$79.95
Invisible UV Fluorescent		
xn45-IUVB	x-nano™ invisible UV fluorescent Blue HP45 Print Cartridge	\$99.95
xn45-IUVG	x-nano™ invisible UV fluorescent Yellow/Green HP45 Print Cartridge	\$109.95
xn45-IUVR	x-nano™ invisible UV fluorescent Red HP45 Print Cartridge	\$109.95
NIR Absorbing		
xn45-NIR820/50	x-nano™ invisible NIR absorbing HP45 Print Cartridge 820/850nm	\$179.95
xn45-NIR970	x-nano™ invisible NIR absorbing HP45 Print Cartridge 970nm	\$189.95
xn45-NIR1070	x-nano™ invisible NIR absorbing HP45 Print Cartridge 1070nm	\$199.95

**Based on NEW high-quality factory ink cartridges*

Add custom INKcrypt® biomarker security:

From **\$295** per Cartridge

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Solvent Based HP45 TIJ 2.5- Original New HP Cartridge (not remanufactured)



Part#	Description	Suggested End User Price [\$/ Unit
xn45-2580X	x-nano™ 2580X Black Solvent HP45 Print Cartridge	\$64.95
xn45-2581X	x-nano™ 2581X Red Solvent HP45 Print Cartridge	\$74.95
xn45-2582X	x-nano™ 2582X Green Solvent HP45 Print Cartridge	\$74.95
xn45-2583X	x-nano™ 2583X Blue Solvent HP45 Print Cartridge	\$74.95
xn45-2582UVF	x-nano™ 2582UVF invisible UV fluorescent Yellow/Green Solvent HP45 Print Cartridge	\$199.95
xn45-2583UVF	x-nano™ 2583UVF invisible UV fluorescent Blue Solvent HP45 Print Cartridge	\$199.99

- Fast dry, long decap time for high-productivity industrial printing
- For paper, corrugated, coated foils, flexible films, glossy boxes, hard plastics and more

Add custom INKcrypt® biomarker security:

From **\$295** per Cartridge

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UV Curing HP 45 TIJ 2.5 - Original New HP Cartridge (not remanufactured)



Part#	Description	Suggested End User Price [\$/ Unit
xn45-2780X	x-nano™ 2780X Black UV Curing Ink HP45 Print Cartridge	\$94.95
xn45-2781X	x-nano™ 2781X Red UV Curing Ink HP45 Print Cartridge	\$94.95
xn45-2782X	x-nano™ 2782X Green UV Curing Ink HP45 Print Cartridge	\$94.95
xn45-2783X	x-nano™ 2783X Blue UV Curing Ink HP45 Print Cartridge	\$94.95
xn45-2782UVF	x-nano™ 2782UVF invisible UV fluorescent Yellow/Green UV Curing Ink HP45 Print Cartridge	\$199.95
xn45-2783UVF	x-nano™ 2783UVF invisible UV fluorescent Blue UV Curing Ink HP45 Print Cartridge	\$199.99

- Fast UV curing, long decap time for high-productivity industrial printing
- For paper, corrugated, coated foils, flexible films, glossy boxes, hard plastics and more

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