



**DNSC**  
diversified nano  
solutions corp

*Authorized INKcrypt® Ink  
Biomarker Solutions Partner*

**2020/21 | 1.0**

# Price List & Product Overview

## End User



**inkcrypt**  
goinkcrypt.com

*Protecting Brands  
& Customers*



# 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	\$33
C1XV	x-nano™ Premium Cyan	\$39
M1XV	x-nano™ Premium Magenta	\$39
Y1XV	x-nano™ Premium Yellow	\$39
O1XV	x-nano™ Premium Orange (Spot)	\$49
B1XV	x-nano™ Premium Blue (Spot)	\$49
G1XV	x-nano™ Premium Green (Spot)	\$49
R1XV	x-nano™ Premium Red (Spot)	\$49

## Pigment E-Series

Part#	Description	Suggested End User Price /L*
<i>Offset Stock Compatible</i>		
K2XE	x-nano™ Elite Black 2 OSC	\$69
C2XE	x-nano™ Elite Cyan 2 OSC	\$69
M2XE	x-nano™ Elite Magenta 2 OSC	\$69
Y2XE	x-nano™ Elite Yellow 2 OSC	\$69
<i>UV Cure</i>		
K3XE	x-nano™ Elite Black 2 UVC	\$85
C3XE	x-nano™ Elite Cyan 2 UVC	\$85
M3XE	x-nano™ Elite Magenta 2 UVC	\$85
Y3XE	x-nano™ Elite Yellow 2 UVC	\$85

## Invisible I - Series

Part#	Description	Suggested End User Price /L*
R1XI	x-nano™ Invisible UV Red	\$399
G1XI	x-nano™ Invisible UV Green	\$399
B1XI	x-nano™ Invisible UV Blue	\$399
W1XI	x-nano™ Invisible UV White	\$399
O1XI	x-nano™ Invisible UV Orange	\$399
Y2XI	x-nano™ Invisible UV Yellow	\$399
K1XI	x-nano™ Invisible Black IR (783)	\$599
K2XI	x-nano™ Invisible Black IR (820)	\$599
K3XI	x-nano™ Invisible Black IR (960)	\$599
K4XI	x-nano™ Invisible Black IR (1040)	\$599

## Pigment E-Series

Part#	Description	Suggested End User Price /L*
K1XE	x-nano™ Elite Black	\$42
C1XE	x-nano™ Elite Cyan	\$49
M1XE	x-nano™ Elite Magenta	\$49
Y1XE	x-nano™ Elite Yellow	\$49
O1XE	x-nano™ Elite Orange (Spot)	\$69
B1XE	x-nano™ Elite Blue (Spot)	\$69
G1XE	x-nano™ Elite Green (Spot)	\$69
R1XE	x-nano™ Elite Red (Spot)	\$69
X1XE	x-nano™ Elite Custom	###

## Special S-Series

Part#	Description	Suggested End User Price /L*
Ks6XK	x-nano™ Elite Black Km6 (for MICR)	\$49
K1XS	x-nano™ Elite Black Fast-Dry	\$69
K2XS	x-nano™ Elite Black FDX UltraFast-Dry	\$79
R1XS	x-nano™ Elite Red Fast-Dry	\$89
R2XS	x-nano™ Elite Red FDX UltraFast-Dry	\$99
B1XS	x-nano™ Elite Blue Fast-Dry	\$99
B2XS	x-nano™ Elite Blue FDX UltraFast-Dry	\$99
G1XS	x-nano™ Elite Green Fast-Dry	\$99
G2XS	x-nano™ Elite Green FDX UltraFast-Dry	\$99
N2XS	x-nano™ Universal JetFix 1 – Flush	\$18
N2XS	x-nano™ MICR Flush JetFix 2a – Flush	\$59

## Ferro Fluid M-Series

Concentrated Magnetic Fluid Dispersion (aqu.)

Part#	Description	SRP/L
MFI-X	x-nano™ Magnetic Fluid 1 (1.65g.ml)	\$680
MFM-X	x-nano™ Magnetic Fluid 2 (>1.75g ml)	\$780

Add custom INKcrypt® biomarker security:

From **\$2.99** per ml of Ink

[diversifiednano.com/docs/dnsc-inkcrypt-aboutus-z-spread.pdf](https://diversifiednano.com/docs/dnsc-inkcrypt-aboutus-z-spread.pdf)

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
<b>K-MICR</b>	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
<b>V-Value</b>	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
<b>E-Elite</b>	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
<b>I-Invisible IR/ UV Fluorescent</b>	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
<b>S-Special</b>	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
<b>M-Magnetic Fluid</b>	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 limited to dye-based inks or pigmented inks with less than 50nm pigment diameter.

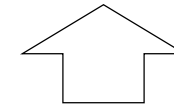
## Peace of Mind Ink Program

Part#	Description	Suggested End User Price/Unit
xnCC-FX	Container incl. Fill+ Label + Pack (1-20L)	TBQ
xnIV-F1	INKVERSE™ 1L Container + Label + Fill + Pack	\$45
xnIV-F2	INKVERSE™ 2L Container + Label + Fill + Pack	\$55
xnIV-F5	INKVERSE™ 5L Container + Label + Fill + Pack	\$79
xnIV-F10	INKVERSE™ 10L Container + Label + Fill +Pack	\$95
xnIV-F20	INKVERSE™ 20L Container + Label + Fill + Pack	\$150
xnCC-FXS	Storage & Drop-Ship	TBQ
xnCC-FXX	Peace of Mind Private Brand One-Time Setup Fee	TBQ
xnCID	x-nano™ Custom Ink Development & Production	TBQ

## HP TIJ 2.5 & INKVERSE™ Accessories for Authorized HP Partners

Part#	Description	Suggested End User Price/Unit
xnIV-F07	INKVERSE™ 760ml Container + Label + Fill+Pack	\$45
xnIV-F1	INKVERSE™ 1L Container + Label + Fill+Pack	\$60
xnA-IVY	INKVERSE™ Y-fitting ( 1 in 2)	\$2.5
xnA-IVY	INKVERSE™ Y-fitting ( 1 in 2)	\$2.5
xnA-IVX	INKVERSE™ X-fitting (1 in 3)	\$3.5
xnA-IVL1	INKVERSE™ Link 2x connect F-1m	\$35
xnA-IVL2	INKVERSE™ Link 2x connect F-2m	\$45
xnA-IVQFP	INKVERSE™ QuickFill and Prime Kit	\$125

**1 Unit Samples 50% Off Suggested Price**



All above listed

# Digital INK

available filled into cartridges or delivered in bulk containers

## & Special Materials

## Water Based HP TIJ 2.5



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

**1 Unit Samples 50% Off  
Suggested Price**

Part#	Description	Suggested End User Price [\$] / Unit
xn45-3X1Gd	x-nano™ 3X1GX MICR Black HP45 Print Cartridge	\$79.95
xn45-C8845A*	x-nano™ Multi-Purpose Black HP45 Print Cartridge	\$22.95
xn45-C8846A*	x-nano™ Multi-Purpose Red HP45 Print Cartridge	\$29.95
xn45-C8847A*	x-nano™ Multi-Purpose Green HP45 Print Cartridge	\$29.95
xn45-C8848A*	x-nano™ Multi-Purpose Blue HP45 Print Cartridge	\$29.95
xn45-C8849A*	x-nano™ Multi-Purpose Cyan HP45 Print Cartridge	\$22.95
xn45-C8850A*	x-nano™ Multi-Purpose Magenta HP45 Print Cartridge	\$22.95
xn45-C8851A*	x-nano™ Multi-Purpose Yellow HP45 Print Cartridge	\$22.95
xn45-BU4000	x-nano™ HP45 Black - Ultima 4000 / Multi-Performance	\$29.95
<b>Invisible UV Fluorescent</b>		
xn45-IUVB	x-nano™ invisible UV fluorescent Blue HP45 Print Cartridge	\$89.95
xn45-IUVG	x-nano™ invisible UV fluorescent Yellow/Green HP45 Print Cartridge	\$99.95
xn45-IUVR	x-nano™ invisible UV fluorescent Red HP45 Print Cartridge	\$99.95
<b>NIR Absorbing</b>		
xn45-NIR820/50	x-nano™ invisible NIR absorbing HP45 Print Cartridge 820/850nm	\$149.95
xn45-NIR970	x-nano™ invisible NIR absorbing HP45 Print Cartridge 970nm	\$159.95
xn45-NIR1070	x-nano™ invisible NIR absorbing HP45 Print Cartridge 1070nm	\$169.95

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

## Solvent Based HP45 TIJ 2.5



Part#	Description	Suggested End User Price [\$] / Unit
xn45-2580X	x-nano™ 2580X Black Solvent HP45 Print Cartridge	\$54.95
xn45-2581X	x-nano™ 2581X Red Solvent HP45 Print Cartridge	\$54.95
xn45-2582X	x-nano™ 2582X Green Solvent HP45 Print Cartridge	\$54.95
xn45-2583X	x-nano™ 2583X Blue Solvent HP45 Print Cartridge	\$54.95
xn45-2582UVF	x-nano™ 2583UVF invisible UV fluorescent Yellow/Green Solvent HP45 Print Cartridge	\$159.95
xn45-2583UVF	x-nano™ 2583UVF invisible UV fluorescent Blue Solvent HP45 Print Cartridge	\$149.99

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

**1 Unit Samples 50% Off Suggested Price**

# TIJ 2.5 (HP45) Print Cartridge Products



## UV Curing HP 45 TIJ 2.5



Part#	Description	Suggested End User Price [\$/ Unit
xn45-2780X	x-nano™ 2780X Black UV Curing Ink HP45 Print Cartridge	\$74.95
xn45-2781X	x-nano™ 2781X Red UV Curing Ink HP45 Print Cartridge	\$74.95
xn45-2782X	x-nano™ 2782X Green UV Curing Ink HP45 Print Cartridge	\$74.95
xn45-2783X	x-nano™ 2783X Blue UV Curing Ink HP45 Print Cartridge	\$74.95
xn45-2782UVF	x-nano™ 2783UVF invisible UV fluorescent Yellow/Green UV Curing Ink HP45 Print Cartridge	\$159.95
xn45-2783UVF	x-nano™ 2783UVF invisible UV fluorescent Blue UV Curing Ink HP45 Print Cartridge	\$149.99

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

**1 Unit Samples 50% Off Suggested Price**

## x-nano™ T5XX EcoTank Refills 120mL



Part#	Description	Suggested End User Price [\$] / Unit
xnET-T532MX	x-nano™ T532MX MICR Black Ink Refill 120ml for Epson EcoTank	\$89.95
xnET-T532C	x-nano™ T532C Cyan Ink Refill 120ml for Epson EcoTank	\$19.95
xnET-T532M	x-nano™ T532M Magenta Ink Refill 120ml for Epson EcoTank	\$19.95
xnET-T532Y	x-nano™ T532Y Yellow Ink Refill 120ml for Epson EcoTank	\$19.95
xnET-T532K	x-nano™ T532K Black Ink Refill 120ml for Epson EcoTank	\$19.95
xnET-T532G	x-nano™ T532G Green Ink Refill 120ml for Epson EcoTank	\$59.95
xnET-T532G	x-nano™ T532B Blue Ink Refill 120ml for Epson EcoTank	\$59.95
xnET-T532UVF-G	x-nano™ T532UVF-Y invisible UV fluorescent Green/Yellow Ink Refill for Epson EcoTank	\$149.95
xnET-T532UVF-R	x-nano™ T532UVF-R invisible UV fluorescent Red Ink Refill for Epson EcoTank	\$149.95
xnET-T532UVF-B	x-nano™ T532UVF-B invisible UV fluorescent Blue Ink Refill for Epson EcoTank	\$149.95

**1 Unit Samples 50% Off Suggested Price**



## 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

### 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
XUWV-###P	x-nano™ UVF White	\$2,499

### 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

### 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
XUWV-###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

**.1 Kg Samples 50% Off Suggested Price**

## X-Series Special Effect Materials

### Thermochromic Pigment Powder

Part#	Description	Suggested End User Price /Kg*
XTCG-001/999	x-nano™ Thermochromic Green TC: 12, 15, 18, 22, 25, 28, 31, 33, 45, 50, 65 (Celsius)	\$2,499
XTCB-001/999	x-nano™ Thermochromic Blue TC: 10, 15, 18, 22, 25, 28, 31, 33, 45, 50, 65, 70 (Celsius)	\$2,499
XTCR-001/999	x-nano™ Thermochromic Red TC: 10, 15, 18, 22, 25, 28, 31, 33, 38, 40, 45 (Celsius)	\$2,499
XTCY-001/999	x-nano™ Thermochromic Yellow TC: 15, 22, 28, 31, 33, 35, 45, 65 (Celsius)	\$2,499
XTCO-001/999	x-nano™ Thermochromic Orange TC: 18, 22, 31, 33, 45, 65 (Celsius)	\$2,499

### Photochromic Pigment Powder

Part#	Description	Suggested End User Price /Kg*
XPCG-001/999	x-nano™ Photochromic Green Exciting: 250-440 nm Color Change: 510-540 nm	\$2,499
XPCB-001/999	x-nano™ Photochromic Blue Exciting: 250-440 nm Color Change: 460-480 nm	\$2,499
XPCR-001/999	x-nano™ Photochromic Red Exciting: 250-440 nm Color Change: 620-640 nm	\$2,499
XPCY-001/999	x-nano™ Photochromic Yellow Exciting: 250-440 nm Color Change: 560-580 nm	\$2,499
XPCO-001/999	x-nano™ Photochromic Orange Exciting: 250-440 nm Color Change: 590-610 nm	\$2,499

**.1 Kg Samples 50% Off Suggested Price**

# Order Form



## 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: _____				<b>ORDER TOTAL: \$</b>	

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.

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 San Diego, CA 92127 F: +1.858.924.1041

Click to launch web form:

[diversifiednano.com/OrderForm.aspx](http://diversifiednano.com/OrderForm.aspx)