

UNRIVALED PROGRESS

High
Quality

Low
Odor

High
Durability

High
Speed

Short
Dry
Time



Color Painter™ H3-104s

High quality

Wide color gamut
High vividness
High density
Gray + Light gray ink



Short dry time

High speed printing

Short dry time
Eliminates ink bleeding

Robustness
High outdoor durability

Durability

SX ink

Low running cost

Low odor

Better printing environment
Wider application

Revolutionizing the low-odor eco solvent inkjet printers. High-speed print engine plus low-odor SX ink achieve unmatched performance.

Low Odor

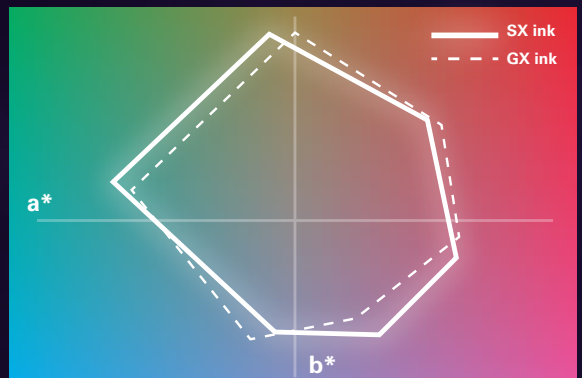
High Performance with Low Odor



Low-Odor and Eco Solvent SX Ink

The newly-developed eco solvent SX inks offer a wide color gamut, high vividness, high density, excellent outdoor durability and low running costs in addition to the low level of odor. Overall performance of SX inks meets the customers demand for higher productivity and better workplace environment.

Wide Color Gamut



SX inks deliver vivid and rich colors with the same wide color gamut as GX inks.

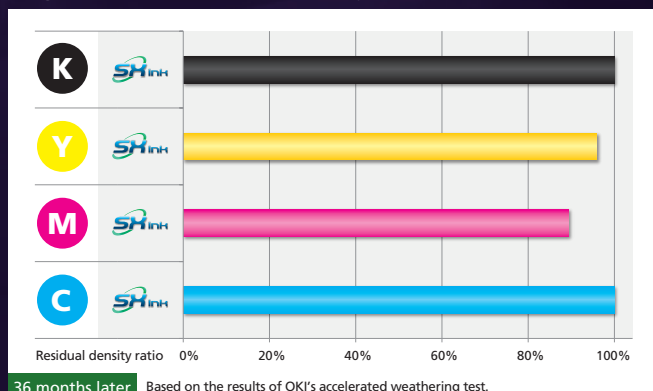
ColorPainter™ H3-104s



Large Capacity Ink Cartridges and Subtanks
 High-Speed Print Heads
 DDP - Dynamic Dot Printing Technology
 Enhanced SNM2 - Smart Nozzle Mapping
 NEW SSS - Safe Scanning System

SP4 - Smart Pass Technology **Enhanced**
 Gray + Light Gray Ink
 Automatic Print Adjustment **NEW**
 Advanced CP_Manager Software **Enhanced**

High Outdoor Durability



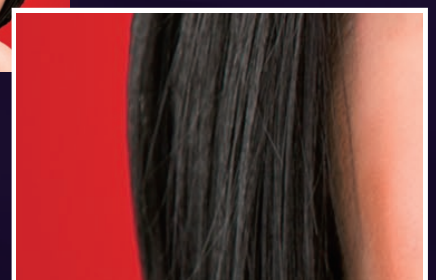
Even with its low odor characteristic, SX inks boast excellent outdoor durability.

* OKI does not guarantee outdoor durability.

High Density



The SX inks achieve high-density colors and details in dark areas. The H3-104s meets customers' needs for sharp, clear and bright backlit signs.



Enlarged image of high density area

High speed printing

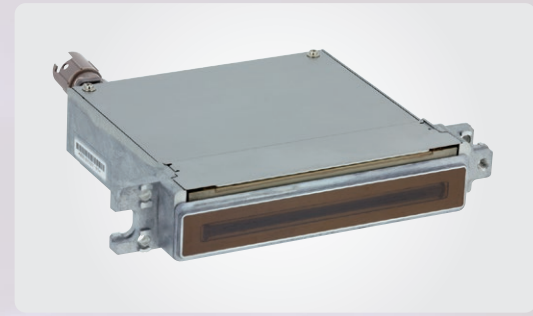
High Productivity with Low Odor

Large Capacity Ink bags + Subcartridges



The ColorPainter H3-104s utilizes efficient 1.5-liter ink bags and subcartridges to support continuous high volume printing. Subcartridges allow you to replace ink on the fly without interrupting print jobs.

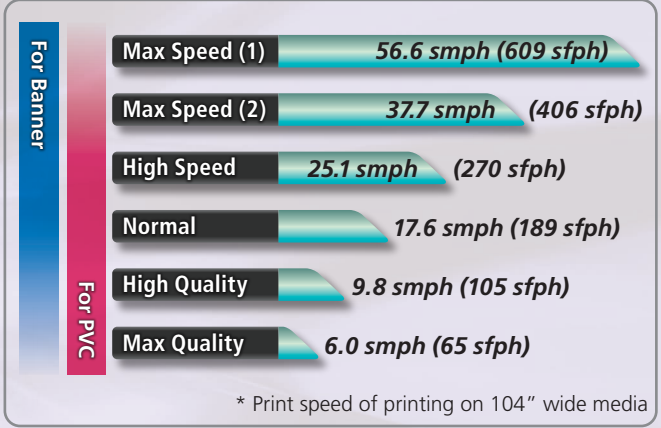
High-Speed Print Heads



The ColorPainter H3-104s uses industry-proven high speed print heads.

Exceptional productivity

Integrating Smart Pass Technology 4 with Dynamic Dot Printing Technology, the ColorPainter H3-104s accomplishes breakthrough print speed with low-odor eco solvent inks and further enhances image quality. With its fastest print mode at 56.6 smph (609 sfph), the ColorPainter H3-104s is a perfect fit for printing large format banners and high volume printing in short turnaround times.

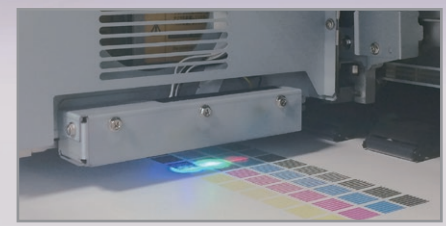


Easy Operation

User-Friendly Features

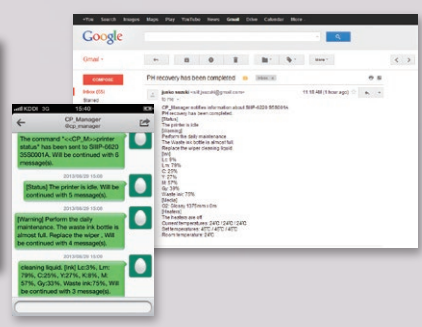
NEW Automatic Print Adjustment

The ColorPainter H3-104s includes new optical sensors that automatically perform both media advance and bi-directional position adjustment. The operator does not have to make complicated manual adjustment when a new media has been installed or when the print mode has been changed. This new automatic print adjustment ensures high quality printing even for first time users.



Enhanced Advanced CP_Manager Software

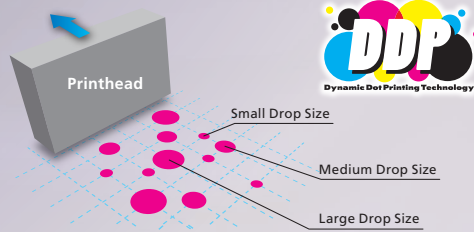
Developed specifically for the ColorPainter printers, CP_Manager, the bundled controller software, allows operators to operate printers from a PC, tablet or smartphone. Operators can communicate and manage the H3-104s by email and Twitter*1 through CP_Manager.





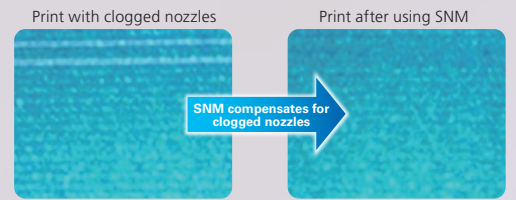
High Print Quality with Low Odor

DDP
Dynamic Dot Printing Technology



Dynamic Dot Printing Technology controls and optimizes dot size to produce rich, bold and glossy colors with fine details. DDP also creates high density printing without any loss in speed, giving the ColorPainter H3-104s backlit film capabilities.

Enhanced SNM2 *2
Smart Nozzle Mapping



OKI's unique nozzle compensation function evolves to the next level. Smart Nozzle Mapping re-maps clogged nozzles so you can continue to print with perfect image quality. SNM2 can significantly reduce downtime and boost your productivity.

Enhanced SP4
Smart Pass Technology



SP4 significantly reduces graininess in halftone areas and produces smooth skin tones.

With improved algorithms and masking technology, the 4th generation of Smart Pass Technology now more effectively reduces overspray and eliminates pass-to-pass banding. Optimizing the effect for each print mode, SP4 brings superb image quality to versatile applications.

Gray and Light Gray Ink

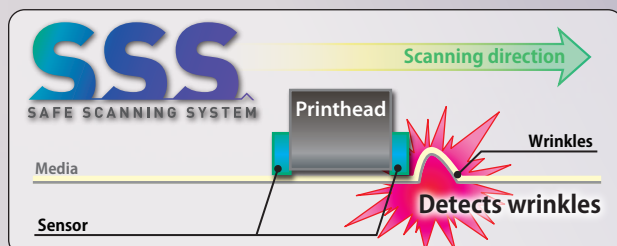


With Gray and Light Gray inks, the ColorPainter H3-104s is capable of expressing real gradation, light shadows and metallic texture which can not be achievable with composite colors.

Integrating advance technology to maximize the performance of SX inks, the ColorPainter H3-104s delivers unmatched productivity and quality while reducing the impact on the environment.

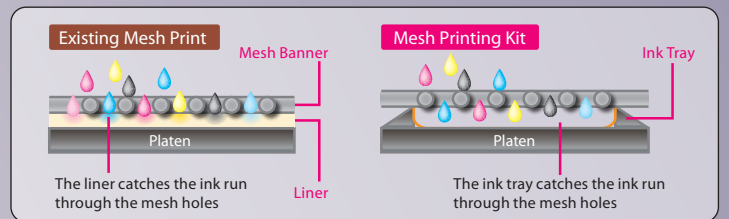
SSS
Safe Scanning System

SSS minimizes the damage on the print surface due to the print heads touching the media. You can choose from four operating modes according to your needs. When contact between the print heads and the media is detected, you can quickly pause the job, correct the media, and then resume the print job without canceling it. This reduces wasted time, ink and media.



Mesh Printing Kit *3

Optional mesh print ink tray enables printing on mesh banner without liner.



Double-Sided Printing Support *4

Alignment line is printed to support double-sided printing. You can easily align the reverse side and face side along the lines.

*1 Twitter is a trademark of Twitter, Inc. *2 This function does not guarantee image quality improvement under any print conditions. In case this function does not work effectively, print head replacement or other measures may be necessary. *3 Expected image quality is not guaranteed due to the slight individual difference among the printers and media. Be sure to perform test print beforehand. OKI Data Infotech does not guarantee all mesh banners are printable with the printer. *4 Alignment of double-sided printing may be affected by media settings and media advance adjustment. Double-sided print can't be used with permeable media like flexible face materials. Please consult with OKI Data Infotech for details.



Low Odor High Performance Solvent Printer

ColorPainter™ H3-104s

ColorPainter H3-104s (IP-7900-22/23)	
Print Head	High Frequency drop on demand piezo
Number of Nozzles	508 nozzles/head
Maximum Resolution	900 dpi
Maximum Media Width	2,642 mm (104")
Maximum Print Width	2,632 mm (103.6")
Printing Speed	3.8 smph (41 sfph) to 56.6 smph (609 sfph)
Media Weight	Up to 120 kg (264 lbs)
Maximum Media Diameter	350 mm (13.8")
Margin Size	5 mm (1/5") on each edge (with rolled media, without edge guards)
Maximum Print Length	PVC 100 m (328'), other media 50 m (164') (Print data size depends on RIP)
Head height	Automatic adjustment
Ink Type	Low-Odor and Eco Solvent: SX
Color	8 (C, M, Y, K, Lc, Lm, Gy, Lgy)
Maximum Ink Capacity	1.5 liters per color
Media	PVC, Banner and other media designed for solvent inks.
Heater	3-way built-in heaters (Pre, Print, After) Maximum 70 °C
Take-up Modes	Loose/Inner, Loose/Outer, Tension/Inner, Tension/Outer
Interface	USB 2.0
Power Source	200 to 240 VAC, ±20%
Power Consumption (Printer)	1,440 W or less
Power Consumption (Heater)	2,880 W or less
Operating Environment	15 - 30 °C (59 - 86 °F), 30 - 70 % RH (no condensation)
Storage Environment	5 - 35 °C (41 - 95 °F), 10 - 80 % RH (no condensation)
External Dimensions	4126 (W) x 1366 (D) x 1513(H) mm(162" x 54" x 60")
Weight	600 kg (1,322 lbs) or less without media and inks

Option	
IP7-013	Exhaust Attachment
IP7-011	Mesh Kit 104
IP7-014	Foot switch
IP7-015	Scroller
IP7-023	Tensioner 104
IP7-025	Offset loading kit 104

Consumables	
IP6-221	SX Ink Yellow 1.5-liter
IP6-222	SX Ink Magenta 1.5-liter
IP6-223	SX Ink Cyan 1.5-liter
IP6-224	SX Ink Black 1.5-liter
IP6-225	SX Ink Light Cyan 1.5-liter
IP6-226	SX Ink Light Magenta 1.5-liter
IP6-227	SX Ink Gray 1.5-liter
IP6-228	SX Ink Light Gray 1.5-liter

SUPPORT

OKI Data Infotech provides customer service through its worldwide distributor network.



Fast. Precise. Reliable.

Focusing on "Time", OKI Data Infotech Corporation has been dedicated to pursuing the ideal for wide format printers for sign and graphics professionals. "Color On Time" represents our credo for "Manufacturing" with "Fast", "Precise" and "Reliable" as the three key elements. We strive to develop and manufacture products and services that benefit customers' "Time".

GREENGUARD Certification is part of UL Environment, a business unit of UL (Underwriters Laboratories). GREENGUARD certified products are certified to GREENGUARD standards for low chemical emissions into indoor air during product usage. For more information, visit ul.com/gg or greenguard.org.

Specifications are subject to change without notice. Please contact your local authorized product distributor.

Pictures in this brochure may be different from the actual product.

ColorPainter is a trademark of OKI Data Infotech Corporation. All other trademarks are the property of their respective owners.



SX inks are certified to GREENGUARD Gold standards for low emissions of volatile organic compounds (VOCs) into indoor air.

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Seiko Infotech Inc. has changed its name to OKI Data Infotech Corporation.



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