

TAKE YOUR PRINTS TO

**NEW
HEIGHTS**

with

**GRAYSCALE
TECHNOLOGY**

THE EFI H1625 LED HYBRID PRINTER FEATURES ADVANCED GRAYSCALE TECHNOLOGY TO INCREASE IMAGE QUALITY WHILE USING LESS INK.

DIGITAL PRINTING

SOURCEONE.NAZDAR.COM

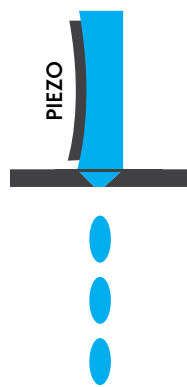




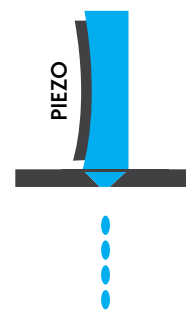
Visit us online at SourceOne.Nazdar.com for more information about our featured LED printer, the powerful EFI H1625 LED hybrid.

INTRODUCTION TO GRAYSCALE

In full color digital printing, grayscale refers to the ability to print multiple size dots in contrast to binary which prints a single size dot. Grayscale technology has evolved and become a viable solution for production level superwide and wide format inkjet printers, impacting how the industry measures print quality. With this evolution, there are several ways to produce grayscale. Trends in inkjet printing have lead to small dots being stacked to create grayscale appearance in lieu of traditional grayscale printhead that is more complex and costly.



BINARY DROP SIZE
A simple print head that produces a single size dot.



GRAYSCALE DROP SIZE
A more practical print head that "stacks" multiple small drops (6-7 picoliter) to produce a wide range of variable sized dots.



BETTER IMAGE QUALITY

Being able to print dots of varying sizes with grayscale produces better color clarity in vignettes and gradations. Transitions from highlight to mid-tone to shadow appears to be higher resolution.

detail and quality
YOU CAN SEE



BINARY IMAGE QUALITY



GRAYSCALE IMAGE QUALITY

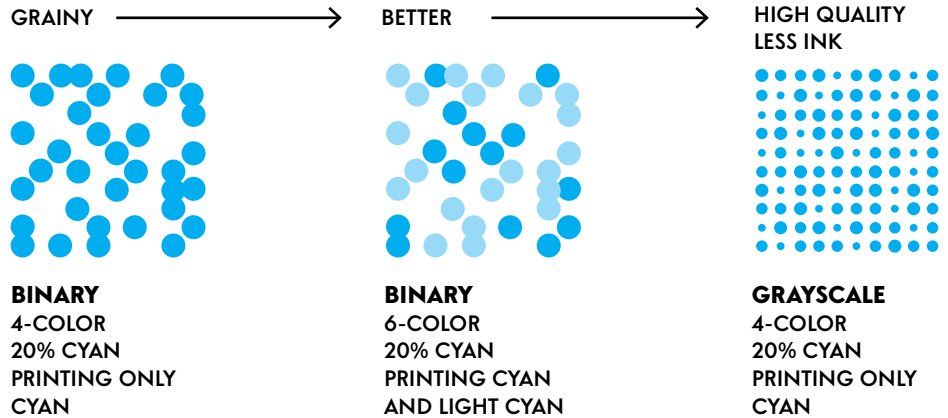
INCREASE YOUR PRINT SPEED

Better image quality allows you more latitude in selecting a faster print mode to meet customer expectations. More prints per hour means more profit for your business.

LOWER YOUR INK COSTS

Light colors such as Light Magenta (Lm), Light Cyan (Lc) and more, have been used for several years to improve the apparent (visual) resolution of an image. By simply using a smaller droplet in replacement of these light fill in colors, we see a direct ink savings as high as 25%.

BENCHMARK MEDIUM
600 x 600 dpi
4 level
Area: 1 square foot



BENCHMARK PRINT TEST FOR INK USAGE

PRINTER	MI / FT2	% DIFFERENCE MI	COST PER FT ²	COST DIFFERENCE	COVERAGE FT ² / LTR
EFI R Series	0.755		\$0.091		1324.50
Latex	1.550	51%	\$0.186	\$0.095	645.16
Eco-Solvent	1.220	38%	\$0.250	\$0.159	819.67
Binary RtR UV	1.380	45%	\$0.124	\$0.034	724.64
EFI H Series	0.755	0%	\$0.143	\$0.053	1324.50
Binary Hybrid UV	1.380	45%	\$0.235	\$0.144	724.64

EFI MAKES LED HYBRID PRINTING AFFORDABLE

CLICK HERE TO LEARN MORE ABOUT THE POWERFUL EFI H1625

EFI has built the ultimate solution for point-of-purchase, sign, banner and graphics printers, in-house shops and commercial printers who require a printer capable of producing high quality images across the widest variety of

substrates in widths up to 65 inches. The H1625 LED provides the lowest acquisition cost in its category. It boasts 8-level variable drop grayscale heads for superior quality images, optimized ink usage and LED UV cured inks for access to the greatest range of substrates when compared to solvent and latex printing technologies. These benefits provide owners with the lowest total cost of ownership (TCO), greatest gross margin opportunity, largest addressable market and highest consumer satisfaction.

Newly available for the EFI H1625 is a POP ink set specifically for rigid materials. This ink has a harder surface cure than the 3M ink and, as such, has less stretch. With less stretch comes better adhesion to some rigid materials, lower risk of surface marring if stacking rigid materials without separation liners, and it is not as soft to the touch.

The POP and 3M inks are not top-loadable and require a conversion kit to move from one ink set to the other.
Contact Nazdar SourceOne for more information on hardware conversion kits and ink sets.



NAZDAR SOURCEONE

Nazdar SourceOne is the leading supplier of screen and digital printing equipment, inks and supplies. We maintain relationships with the world's foremost manufacturers, providing best-in-class technology and quality to specialty graphic printers in the United States, Mexico and Central America. With a network of 17 locations, we deliver localized inventory, superior customer service and expert technical support to the graphic, textile and industrial markets. Learn more at SourceOne.Nazdar.com.