GSI
GRAPHIC SOLID INKS

COLORIZE™

Innovation
In COLOR
On-Demand

Fast, powerful and most versitile single pass inline color printing system ever!

CMYK

COLORIZE™

CMYK PROCESS COLOR TECHNOLOGY

Colorize™ **CMYK** allows for vivid color printing of logos, product brands, SKU information, real-time data and much more. Utilizing GSI's UV inks allows our customers to print on a wide range of product substrates and colors. Our proprietary color printing software, incorporates GSI's unique custom color profile library, to create a wide color gamut for more accurate color matching.

Print directly onto packaging in a single pass and at high rates of speed. Whether you are needing to print inline or nearline, GSI has a the solution for your operation.

KEY ADVANTAGES
INNOVATION FOR YOUR OPERATION

- // SKU reduction
- // Direct to package print in vivid color
- // Reduce warehouse storage
- // Easy integration into real world production environments
- // Unlimited unique label configurations in real time
- // Targeted marketing and branding direct to conusumer
- // Connect to any ERP via table data
- // Create vivid graphics for your package on demand...***FAST!***

Brandability

Endless possibilities in branding what you want, when you want, in stunning & vivid resolution! Perfect for printing unique and dynamic information for direct to consumer marketing!

Traceability

Print variable product data, bar codes and other tracability information in line and at high speed! Superior resolution and no fade color provides excellent scannability!

Sustainability

Reduce SKU's and waste by eliminating pre-printed boxes with the use of common blank box stock, save on warehouse storage requirements and realize your sustainability advantage!

Markets

Consumer Goods, Food & Beverage E-Commerce, Personal Care Agriculture, Industrial Products and more!

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Technical Specifications

PRINTER

Model:	Colorize™ CMYK
Print Resolution:	180 VDPI x 3600 HDPI
Print Speed:	1000 FPM (304 MPM)
Colors per Head:	2
Standard Colors:	Cyan, Magenta, Yellow Black
Print Height:	4.25" (108mm)
Message Length:	No Limit
Print Orientation:	Side, Down
Printable Substrates:	Porous & Non-Porous
Font Types:	True Type Fonts
Bar Codes:	Code 128, UPC, ITF, Data Matrix Maxicode, PDF-417 and more

USER INTERFACE

Controller:	Touch Screen, PC, Tablet, Smart Phone
Message Editor:	GSI Colorize.IT Embedded, External (XML, JSON, ZPL)
Variable Data Fields:	Unlimited
Image Formats:	PNG, JPG, TIFF

SMART UV LIGHT

// Controlled by GSI print controller
// Intelligent design turns on/off for image/label length
// Low speed safety shut-off
// Variable speed intensity

ELECTRONICS

Per Print Head: (2-Color)	2 Encoder Inputs
	1 Trigger Input
	4 Configurable Inputs
	6 Configurable Outputs
	1 Relay Output
	Ethernet TCP/IP
Power Supply:	110-240VAC Single Phase 50/60 Hz

COMMUNICATION

Internal Database:	Per Storage Capacity
Comm Protocol:	Ethernet TCP/IP
Remote Assist:	Yes

OPTIONS

Software:	Customization via App Library
Hardware:	Custom Mechanical, Motion and Vision Integration

ENVIRONMENT

Temperature:	40F - 110F (5C - 40C)
Humidity:	90% Relative Humidity Non-Condensing

MADE IN USA

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Contact Us:
678.264.4008
info@gsinks.com