

# B1040S

“The most compact, reliable and robust Thermal Inkjet Coder for packaging printing in the market”



ANTI-SHOCK MOUNTING



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# B1040S THERMAL INKJET CODER



## TECHNICAL SPECIFICATIONS

Plug and print with HP45 ink cartridge (Hewlett Packard TIJ2.5 inkjet technology)  
Dimensions (LxWxH): 164.35 x 85.5 x 71.6 mm / 6.47 x 3.37 x 2.82 inches  
Weight: 610g (excluding cartridge)  
Display: Automatic rotation 2.8" 256K colors TFT LCD display  
Power Supply: AC 100V–240V, 50/60Hz, 1.4A. Maximum power consumption: 48W  
**New Anti-shock mounting mechanism greatly reduces the risk of damage from the manufacturing environment**  
**New stronger and smaller skid - plate design**

## STANDARD FEATURES

Throw Distance: up to 6mm  
**New Bluetooth connectivity allows usage with Android smartphones and tablets**  
Stand-alone operation with Wireless keyboard direct connection  
Free template design and control with PC application  
AUX I/O port for external sensor, encoder and alarm kit connection  
Flash USB2.0 for firmware, font and logo loading  
**Support external sensor only - Optional not included in package**  
Automatic data back-up system  
Nozzle switching and self-cleaning capabilities to extend cartridge lifetime  
Store up to 100 messages on the printer's memory  
Password protection  
Automatic recognition of inks (aqueous or solvent) and application of appropriate printing parameters

## PRINTABILITY AND SPEEDS

**New cartridge slot design for easier take in and take out**  
Hot-swap: Circuit protection for quick cartridge changeover  
Real time report to Android devices  
Menu languages: English (default), Finnish, Spanish, German, French, Russian, Vietnamese, Chinese, Korean, Portuguese, Polish, Dutch, Italian, Turkish, Czech and Indonesian  
Printable characters: Windows true fonts (with PC) and multi-languages with smart devices  
Message line with predictable data: up to 6 lines from 1.69 – 12.7mm  
Maximum characters input up to 150 per line  
Maximum length of template up to 500mm  
Printability: Alphanumeric, logos, date/time, expiry date, Julian date, shift code, counter/lot box code, multiple types of variable barcodes and database  
Resolutions: Max 600x600dpi  
Print speed: Max 76m/min @ 300x300dpi  
Up to 5 levels of optical density

## INK SOLUTIONS AND ACCESSORIES

HydraJET®2016 series - Aqueous inks for porous media - 42ml  
HydraJET®2020 series - Aqueous inks for porous and semi-porous media - 42ml  
HydraJET®2030 series - Aqueous inks for marking eggshells - 42ml  
SoluJET®2701R - Red solvent ink for semi and non-porous media - 40ml  
SoluJET®2704B - Blue solvent ink for semi and non-porous media - 40ml  
SoluJET®2706K - Black solvent ink for semi and non-porous media - 40ml  
Mounting accessories are available at [www.rynantech.com](http://www.rynantech.com)

## OPERATING TEMPERATURE AND WARRANTY

Operating temperature between 5°C and 50°C  
12-month limited warranty