

# ✱1040

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



**Rynan Technologies Pte Ltd**

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# 1040 THERMAL INKJET CODER

## TECHNICAL SPECIFICATIONS

Plug and print with HP45 ink cartridge (Hewlett Packard TIJ2.5 inkjet technology)  
Dimensions (LxWxH): 107.5 x 74.5 x 83 mm / 4.23 x 2.93 x 3.27 inches  
Weight: 450g (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 for printer protection**  
**New stronger and smaller skid - plate design**  
Throw Distance: up to 6mm

## STANDARD FEATURES

**New Bluetooth connection via smart phones and tablets using Android devices**  
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  
Built-in and adjustable photo sensor  
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  
**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

## PRINTABILITY AND SPEEDS

Menu languages: English (default), Chinese, French, German, Spanish, Finnish, Russian, Portuguese, Korean, Polish and Vietnamese  
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 ink 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 – 35mL  
SoluJET®2704B – Blue solvent ink for semi- and non-porous media – 35mL  
SoluJET®2705K – Black solvent ink for semi- and non-porous media – 35mL  
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