

1020

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



RYNAN
TECHNOLOGIES

Rynan Technologies

Aperia Tower 2

8 & 10 Kallang Avenue

Office #5-10, Singapore

Tel.: +65 8375 6932

Website: www.rynantech.com

E-mail: info@rynantech.com

1020 THERMAL INKJET CODER

TECHNICAL SPECIFICATIONS

Plug and print with HP45 ink cartridge (Hewlett Packard TIJ2.5 inkjet technology)
Dimensions (LxWxH): 106x53x83mm / 4.17x2.09x3.27in
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
Mounting Brackets: Anti-shock mounting mechanism for printer protection
Throw Distance: Up to 6mm

STANDARD FEATURES

WiFi connection via smart phones and tablets using Android and iOS devices
Stand-alone operation with USB 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
Hot-swap: Circuit protection for quick cartridge changeover
Real time report to Android and iOS 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

OPERATING TEMPERATURE AND WARRANTY

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