



**LOW-COST HP THERMAL JET TECHNOLOGY; EASY-TO-CHANGE INK CARTRIDGES;  
HIGH-RESOLUTION PRINT UP TO 1" TALL**

# HP THERMAL JET

## KEY FEATURES

- **Enclosed industrial printhead** – the most robust and durable HP-based printhead.
- **Print up to 10 lines** of data including alphanumerics, bar codes, logos and auto codes.
- **Character height** 1/10", 1/4", 1/2", 3/4", or 1" tall.
- **Interface** – system can be driven by hand-held controller, PC, or direct serial interface.
- **Printhead options** – TJ500 (1/2") and TJ1000 (1")
- **Hinged cover** provides easy access to ink cartridges.
- **Easy snap-in/snap-out** method for changing ink.
- **Stainless steel faceplate** with built-in photo sensors to detect product speed and direction.
- **300 Dpi** vertical and horizontal resolution.
- **Channel purge** at the printhead.
- **Industrial DB-9** serial connection.
- **Smart level ink detection system** provides user with "ink low" and "ink out" Diagraph cartridge status.
- **Bulk ink delivery** option can decrease cost per mark by as much as 50%.
- **Industrial hand held controller** with large 7" color touch screen.



# Specifications

Thermal Jet	
Controller	IJ3000 Hand Held
Touch Screen Display	7" Color
Operator Interface	Graphical User Interface, WYSIWYG Editor
QWERTY Keypad	Sealed Elastomeric
Enclosure	Rugged/Industrial Thermoplastic
Memory	128 MB for unlimited message storage
Connectivity	1 - Ethernet, 1 - USB, 2 - RS232
IO Interface	No
Auto Codes	Time, Date, Use By, Julian, Count, User Defined, Shifts, Variable Input
Bar Codes	UPC, GTIN, I2of5, 128, Code 39, EAN, UCC, 2D Data Matrix
Logos	Bitmap Images
Fonts	Arial Standard, TrueType Available

PC Interface	
Windows PC GUI Software	Graphical User Interface, WYSIWYG Editor
Networking Software w/Database	No
Direct Interface	Protocol Provided

Printheads	
Technology	Thermal Jet (HP) <sup>®</sup>
Print Height	1/2" & 1" Print Heads
Print Resolution	300 x 300 dpi
Standard Print Speeds	Up to 200 fpm
Print Speeds w/reduced resolution	Up to 500 fpm
Print Options	Side, Top Down
Print Distance	Up to 1/4"

Ink Systems	
Ink Delivery	Cartridge and Bulk
Ink Supplies	42 & 350 ml
Ink types	Porous & Non-Porous inks Water Based for porous & aqueous coated cartons, Solvent Based for non-porous stock

System	
Regulatory Listings	TUV (CE/CSA/UL)
Operating Environment	50°F to 104°F (10°C to 40°C)