

Non Contact Coding



Key Features

- Prints characters 2.5mm, 6.25mm, 13mm, 19.25mm, or 25mm tall
- Print up to 10 lines of data
- Prints bar codes, alphanumerics, logos, auto codes and 2D DataMatrix codes
- Enclosed industrial printhead
- Can be driven by Hand Held Controller, PC, or direct serial interface
- Easy snap-in/snap-out method for changing ink
- Stainless steel faceplate with built-in photo sensors to detect product speed & direction
- 300 dpi vertical and horizontal resolution
- Print speeds up to 60m/minute
- Channel purge at the printhead
- Smart Level Ink Detection System provides “ink low” and “ink out” cartridge status

TJ500/1000 Thermal Ink Jet

Reliable, Low Cost Printers for Up to 10 Lines of Marking and Coding Diagraph Thermal Jet printers are low-cost ink jet systems that offer highly reliable thermal jet technology, high-resolution printing, easy-to-change ink cartridges, and a wealth of industrial-grade performance features. The TJ500 provides up to 5 lines of print, the TJ1000 offers up to 10 lines.

SPECIFICATIONS

Controller Options

Enclosures

User Interface

Communication Ports

Connectivity

Auto Codes

Bar Codes

Memory

Fonts

Printheads Per COM Port

Dimensions/Weight

Safety

Environment

PC Software

Rugged molded housing (passed 1m drop test)

Graphical user interface, 70-key QWERTY keyboard, color LCD touch screen, WYSIWYG Editor

RS-232 (2), 10 Base-T Ethernet (1), USB (1)

Embedded web server allows remote access with web browser

Time, Date, Sell By, Julian Date, Count

UPC-A, EAN 13, EAN 8, Code 39, Code 128, GTIN-14, UPC-E, 2D DataMatrix codes

128 MB flash type for thousands of messages

30 dot, 75 dot, 150 dot, 225 dot, 300 dot

1 to 8 TJ500s, 1 to 4 TJ1000s

231mm L x 198mm W x 33mm H, 82 kg

UL, CE, CSA

5°C to 40°

Windows® compatible program, point-and-click operation, WYSIWYG Editor, RS-232 on PC required

Printheads

Type

Print Speed

Print Lines

Orientation

Ink Throw

Options

Dimensions

Environment

HP Thermal Ink Jet

Up to 200 fpm (up to 60m/min)

Up to 10 lines 2.54mm, 6.35mm, 12.7mm, 19.1mm or 25.4mm

Side or Top-down printing

Up to 6.35mm

External photocell, external encoder ink status beacon, accessory hub, roller/retracting brackets, bulk ink

61.8mm W x 104.9mm H x 158mm L

10°C to 40°C