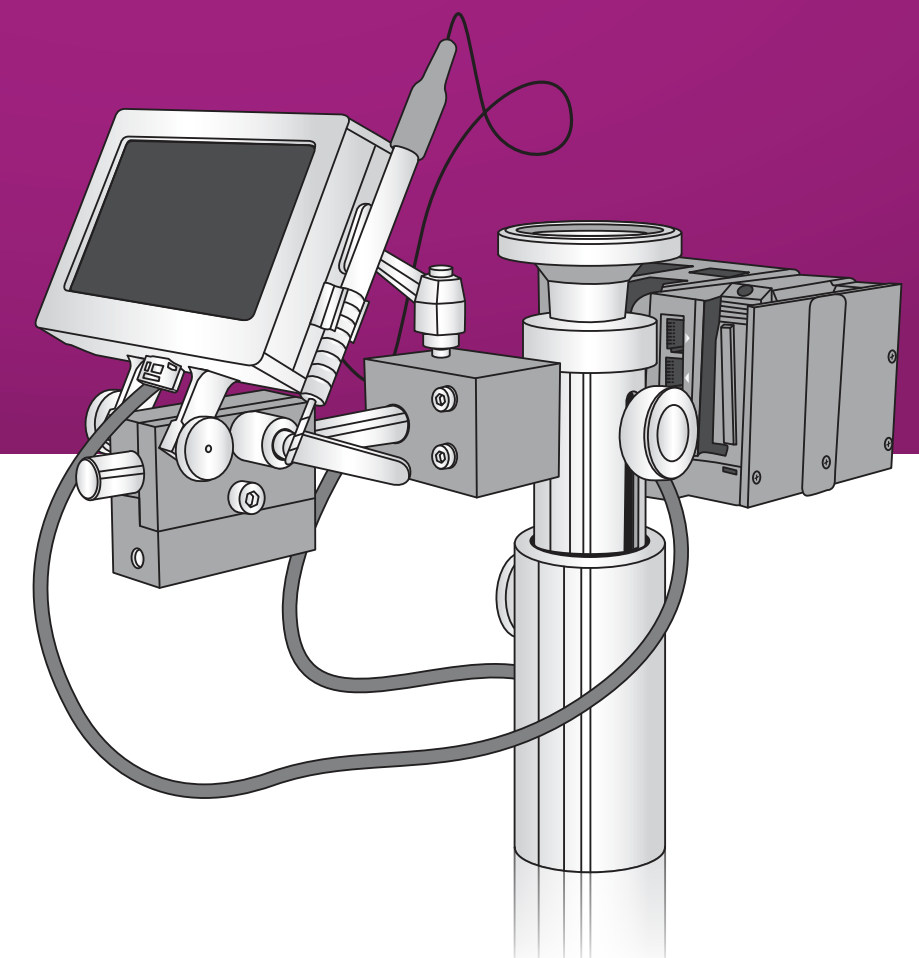


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TIJ Thermal Inkjet Printer



The Control Print TIJ is a simple, maintenance free Thermal Inkjet Technology based printer suitable for a variety of basic & advanced coding applications such as date, price, batch, linear & datamatrix barcodes, logos, graphics.... across the pharmaceutical, food, packaged goods, and personal care industries.

The TIJ printer can be easily integrated across a wide gamut of production lines and is suitable for all printing onto all porous materials and some non-porous materials.

Key features of TIJ include:

- Zero maintenance Thermal Inkjet Technology
- Highest reliability & line uptime – cartridges can simply be replaced upon any problem
- Simple, intuitive icon based touch interface
- Minimal user training required
- Easy to setup and integrate onto line, bench or wall mountable
- Excellent Print quality because of native high resolution of TIJ cartridge
- Large variety of print options including ASCII characters, Graphics & Logos, Real time, sequential numbering, and Linear and Datamatrix Barcodes
- High Speed for the fastest production environments.

- Multiple ink colours for aqueous inks
- Fast drying solvent ink suitable for some non-porous substrates & applications
- CPL TIJ can be directly interfaced with USB Barcode scanner for printing product dependent message.

Thermal Inkjet Technology

The Control Print TIJ is a simple, maintenance free Thermal Inkjet Technology based printer suitable for a variety of basic & advanced coding applications such as date, price, batch, linear & datamatrix barcodes, logos, graphics.... across the pharmaceutical, food, packaged goods, and personal care industries.

The TIJ printer can be easily integrated across a wide gamut of production lines and is suitable for all printing onto all porous materials and some non-porous materials.



Uptime & Maintenance

- Cartridge replacement leads to de facto replacement of the printhead and ink delivery system
- Since the time between replacement of cartridges is short, in effect the printer is always using a new printhead and ink delivery system leading to the highest performance levels
- Minimal downtime, in case of any issues cartridge replacement in less than two minutes
- No printhead cleaning, filter replacements, or other maintenance requirements
- No startup/shutdown or long shutdown procedures to follow

Simple, intuitive operation

- User friendly, solvent resistant industrial touchscreen display with stylus
- Interactive, easy to use, icon based, WYSIWYG graphical interface
- Automatic error diagnostics for cautions and easy troubleshooting
- User profile manager with multiple levels of access
- Minimal operator training and specialized support required for operation & maintenance

Excellent print quality and capabilities

- High quality 300 dpi (dots per inch) maximum print resolution
- 12.7 mm print swathe per print head with 300 independent nozzles; 2 print heads give total print height of upto 25.4 mm
- Standard printing functions include linear barcodes, data matrix barcodes, automatic date & time functions, numbering, graphics, logos....
- High speeds upto 60 meters per minute at high resolutions
- Fast dry solvent ink available for printing on non-porous materials

Flexibility, Communication, & Integration

- Easy to setup and integrate onto almost any production line
- Compact footprint and small printhead size
- EV Net software for remote control of printers
- RS485 port for communication with the print head
- Flexibility to connect 1, 2, or more printheads
- Graphics, logos, and more downloadable via custom programmed flash card media
- Internal Product Sensor

Print Samples



Technical Data	Thermal Inkjet
DIMENSIONS AND CONNECTED LOADS	
CONTROLLER	
Standard Finish	Hi Impact ABS Black
Dimensions	4.5"W x 3"L x 1"D (114mm x 76mm x 25mm)
Weight	1 lbs. (0.45 kg)
PRINTER	
Standard Finish	Aluminum Black Anodized
Dimensions	3.0"x1.8x4.0" (76mm x 46mm x 102mm)
Weight	1 lbs. (0.45 kg)
Electrical Connection	100/250 V +/- 10% / 50/60 Hz ; 0.25 A
Relative Air Humidity	Up to 90% non condensing
Compressed Air required	NO
Temperature Range	40 deg F – 104 deg F (5deg C – 40 deg C)
HARDWARE	
Add –on High Resolution Print head Modules	Max 31
Spring Loaded Carton Follower	Optional
Top Coding Bracket & Floor Stand	01
External Product Sensor	Optional
External Encoder	Optional
Product Detector	IR LED Convergent
Communications link	RS485
PRINTING CAPABILITY	
Character Set	Full alphanumeric and 20 specials Symbols
Standard Font	Arial Style
Logos	Up to 3 resident
Line Speeds	From 10 to 200 fpm
Encoder Ratio	0 to 7
Print Delay	From 1 to 255 (approx. 0.060 into 15.0 in)
Length	Up to 48 characters per line
Message Storage	Up to 200 messages
Print Head to Product Distance	Up to ¼" (6.35mm)
Character Heights	Standard font size ½" Single line of Print 7/32" Two lines of Print 1/8" Three Lines of Print 3/32" Four lines of Print