



UBS **United Barcode Systems**
Labeling, Coding & Marking

Thermal Inkjet Printers

- Each cartridge is a new printhead.
- Clean technology, no leaking or heavy odors.
- Fast & Easy integration.
- Up to 120 m/min printing speed.
- Printing on any surface.
- TJX AppCode Android connectivity.
- Compact and strong controller and printhead design.
- SPIT function – NO Decaptime.
- Message editor UBSDesigner LITE and Pro

United Barcode Systems Thermal Inkjet printers are specially designed for primary product coding and marking. We are able to adapt to customers demands, thanks to the different working modes of the printhead (more capacity, printing resolution, even save costs on ink consumption).

TJX SERIES hardware design is optimized for implementation into any production line or packaging machine. Additional cartridge protection is provided thanks to "open lid" detection feature.

The electronic architecture of this printer allows fixed and variable messages to be

generated and controlled. All this in real time and at high speeds and cadences. **TJX SERIES** is capable of printing serialized codes, preloaded in batches through communication protocol.

TJX SERIES printer can be managed from a tablet with intuitive graphic interface for better control of current status and main printing characteristics.

Specially designed APP: **TJX Appcode** can be downloaded using bluetooth connection.

Thanks to its versatility **UBS TJX SERIES** printer is capable of printing directly on

any kind of surfaces (porous and non-porous) like glass, plastic materials, painted materials, paper, cardboard, wood, metal, providing universal solution for many industries: FFS machinery, food & beverage, pharmaceutical, cosmetic & personal care sectors among many.

UBS Designer editor allows messages to be created and sent to the printer in a few simple steps.



UBS TJX



Technical Specifications

TECHNICAL FEATURES

DESCRIPTION	Thermal Inkjet Printer
POWER SUPPLY	External module INPUT 110v / 240v 50-60Hz 10W
TEMPERATURE	From 5°C up to 40°C (41°F up to 104°F)
HUMIDITY	From 5% up to 85% non-condensed

CONSUMABLE

INK TYPE	Water based (porous) and Solvent (non porous)
COLORS	Black. Other under request. Consult colors
FORMAT AND VOLUME	Ink cartridge 40 ml

PRINTING MODULE FEATURES

PRINTING HEIGHT	Up to 12.7 mm (0.5 in)
PRINTING SPEED	Up to 120 m / min (up to 393 ft / min) Solvent based Ink Up to 90 m / min (up to 295 ft / min) Water based Ink
DIMENSIONS LxWxH	Printer (130x26x104mm) , Control Unit (120x31x120mm)
RESOLUTION	From 300 dpi up to 900dpi with ranges of 100 in 100 (Horizontal Resolution). 300 dpi / 600dpi (Vertical Resolution)
DISTANCE TO PRINTING SURFACE	Max 3mm (max 0.12 in) (depending of speed and Ink type)
BARCODES	GS1-128, GS1-DATAMATRIX, EAN-UCC 13, PHARMACODE, etc...
DATA	Fixed or variable text (BB date, counters, Batch Number formulas... etc.) logos, images...
OPTIONS & ACCESORIES	External encoder kit,AUX box, SYNC box, light beacon alarm with line stop output, photocell RGB Contrast.



CONTROL UNIT FEATURES

DISPLAY	1,7" screen for printer status view
CONNECTIVITY	1 USB x 1 RJ45, bluetooth
SOFTWARE LABEL DESIGN	UBSDesigner Lite and UBS Designer Pro

APPCODE FEATURES

COMPATIBILITY	Tablet Android
CONNECTIVITY	Bluetooth

CONNECTION

	ETHERNET
	USB