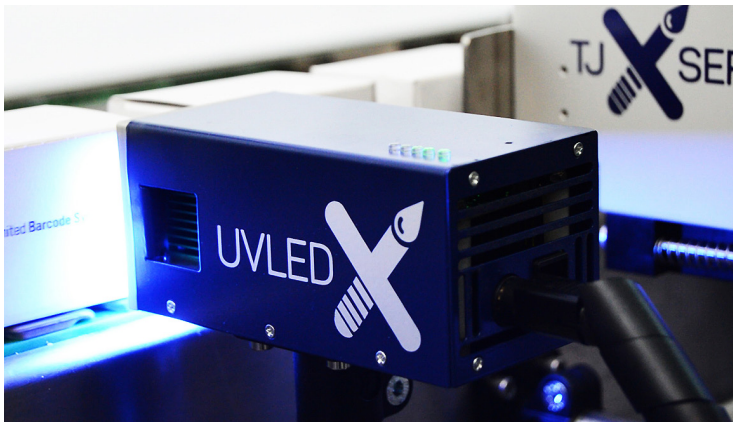

Thermal Inkjet Printers

- *Adaptable to any production line.*
- *Clean technology, no leaking, no solvent or heavy odors.*
- *Each cartridge is a new printhead.*
- *Fast & Easy integration.*
- *User-friendly graphic interface.*
- *Up to 50 m/min printing speed .*
- *Printing on any surface.*
- *High capacity of connectivity with any mobile device (Smartphone, Tablet, PC).*
- *Compact printing module and control unit.*
- *Label Designing software UBS Designer Lite and UBS Designer Pro.*
- *Unique UV LED Curing **O**n **B**oard **S**ecurity **S**ystem®.*

TJX UVLED

Thermal Inkjet Printers

"High Resolution Printer with UV LED Curing System"

Advanced and optimized design of the print head allows fast and easy integration of **TJX UV LED** into any production line.

Powered with unique cartridge protection, the United Barcode Systems **TJX UV LED** printer can be adapted even to the most complicated production line area for printing on the product.

Ultimate electronic structure design allows creating and controlling fix and variable messages in real time printing processes at a very high speed and capacity.

TJX UV LED control unit with user-friendly graphic interface showing status, message name, quantity and cartridge ink level.

Thanks to its versatility, **TJX UV LED** printers can be connected through Ethernet, USB, Bluetooth, I/O with any device, like PC, Tablet, Smartphone, etc.

United Barcode Systems technological ink for Thermal Inkjet, with **UV LED Curing On Board Security System®,** is developed for printing on porous and non-porous surfaces, such as glass, plastic materials, treated substrates, paper, carton, wood and metal among others.

Designed mainly to be used in Food & Beverage, Pharmaceutical, Cosmetic and Automotive Industries, ink cartridges, manufactured by United Barcode Systems, are passing through strict internal quality control and are traced during the lifetime of each unit.

UBS Designer software with simple graphic WYSIWYG interface to create and edit messages with multiple options, allows creating and printing texts, images, logos in just few clicks.

TJX UV LED

Thermal Inkjet Printer

Unique UV LED Curing On Board Security System

Technical features

DESCRIPTION	Thermal Inkjet Printer
POWER SUPPLY (PRINTER) POWER SUPPLY (CURING SYSTEM)	External module INPUT 110v / 240v I 50-60Hz I 10W External module INPUT 110v / 240v I 50-60Hz I 85W
TEMPERATURE	From 5°C up to 50°C (41°C up to 122°C)
HUMIDITY	From 5% up to 85% non-condensed

Consumable

INK TYPE	UV LED Low migration Ink
COLORS	Black. Other under request.
FORMAT AND VOLUME	TJX Print head, 42 ml

Printing module features

PRINTING HEIGHT	Up to 12.7 mm (0.5 in)
PRINTING SPEED	Up to 50 m / min (up to 164 ft / min)
RESOLUTION (Vertical / Horizontal)	600 dpi / 900 dpi (depending of speed and Ink Type)
PRINTING CAPACITY	Up to 5 printouts/s (e.g.Variable Datamatrix, Variable Date and Fixed Text) Up to 20 printouts/s (e.g.Variable Time and Date Fixed Text)
DISTANCE TO PRINTING SURFACE	Up to 2-3mm (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..
PRINTHEAD ORIENTATION	Tilted up to 90°, side and top printing
OPTIONS & ACCESORIES	External encoder kit and external alarm beacon

UVLED Curing System features

CURING AREA	17 x 30 mm
COOLING SYSTEM	By air
DURABILITY	>20000 Hours
WARRANTY	1 year, 1000 working hours
WORKING MODE	2 activation modes - Standalone - TTL (synchronized with the printer)

Controller features

DISPLAY	1,7" screen for printer status view
CONNECTIVITY	1 USB x 1 RJ45, BLUETOOTH & WiFi (optional)
MESSAGE DESIGNER	UBSDesigner® Software

Connection

ETHERNET USB

According to UBS internal policy of continuous improvement, our products specifications are subject to change without notice

The right choice

USATJXUV/181004

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

www.ubscode.com

TJX UVLED

Thermal Inkjet Printers