## 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 180 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 UBSDesigner® Lite and UBSDesigner® 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 UVLED Series** into any production line.

Powered with unique cartridge protection, the United Barcode Systems **TJX UVLED Series** 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.
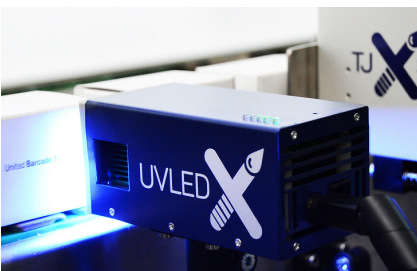
**TJX UVLED Series** control unit with user-friendly graphic interface showing status, message name, quantity and cartridge ink level.

Thanks to its versatility, **TJX UVLED Series** 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 UVLED

## Unique UV LED Curing
## On Board Security System

### Technical features

| DESCRIPTION | Thermal Inkjet Printer |
|---|---|
| POWER SUPPLY (PRINTER)<br>POWER SUPPLY (CURING SYSTEM) | External module INPUT 110v / 240v I 50-60Hz I 10W<br>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 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) | 300 up to 600 dpi (depending of speed) |
| PRINTING CAPACITY | Up to 5 printouts per second |
| DISTANCE TO PRINTING SURFACE | Max 2-3 mm (max 0.12 in) (depending of speed) |
| 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 & ACCESSORIES | External encoder kit, light and acoustic signal beacon |

### UV LED module features

| AVAILABLE WAVELENGTHS | 385mm + - 5mm |
|---|---|
| CURING AREA | 12,5 x 30 mm |
| IRRADIANCE (w/cm2) | 9W |
| DIMENSIONS LxWxH | Printer (130x26x104mm) , Control Unit (120x31x120mm), Curing System (124x60x55mm) |
| COOLING | Air |
| LIFE EXPECTANCY | >20000 Hours |
| WARANTY | 1 Year, 1000 Services Hours (Light Engine) |

### Connection

⊟ **ETHERNET**   ⚡ **USB**   📶 **WIFI (OPTIONAL)**

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

**www.ubscode.com**

*The right choice*

in   YouTube   G+

TJ X UVLED

Thermal Inkjet Printers