



hx **Ultr Thermal InkJet (TIJ)** with Smart Automated Bulk Ink Supply

comes with
TWO
MODELS

Hx Ultra-HR (up to 600 dpi resolution)

Hx Ultra-HT (up to 10 mm throw distance)



Revolutionary TIJ with Smart Automated Bulk Ink Supply



Wi Fi Connectivity (Direct or Access Point)



Low Cost of Ownership



Maintenance-free



Perfect for High-volume Print Application



Small Footprint

Easy to Operate

Control, monitor, and data entry using any smart device - smartphone, tablet, or computer.

Low Running Cost

One bulk ink cartridge can print millions of messages in a continuous production line.

Neat & Clean Operation

Avoid messy ink drops in the production floor.

Advanced Printer Health Check

Instantly check your printer status for warning and faults to avoid future downtime.

Daily Production Report

Monitor realtime hourly and daily production status.

Field Upgrade Facility

Update the printer remotely. No need for technical visit.



Hx Ultra Controller

SPECIFICATIONS

CONTROLLER

MESSAGE DESIGN

Device-independent & web-based Simple Message Editor and PC/Windows-based Message Designing Software (Vanguard Create)

PRINTING CHANNELS

1 cartridge 12.7mm or 0.5" height

ENVIRONMENTAL CONDITIONS

Temperature 0-50 °C, Humidity 0-80%

EXTERNAL DATABASE

Several Million Records

CONNECTIVITY

Wireless connectivity (Direct and Access Point Connections)

Isolated RS232 (optional)

USB

MESSAGE CAPACITY

Unlimited (within Tablet/Windows PC)

START & STOP TIME

Immediate

PASSWORD PROTECTION

Yes

ALARM

Built-in Beacon, 128*64 pixel OLED, Buzzer

INPUT VOLTAGE

15V DC

PHYSICAL SPECIFICATIONS

BODY MATERIALS

Colored Anodized Aluminum & Stainless Steel

CONTROLLER WEIGHT

910 gm

DIMENSIONS

140 mm x 90 mm x 84 mm

PRINTING FEATURES

RESOLUTION

Hx Ultra-HR 600 dpi
Hx Ultra-HT 300dpi

MAXIMUM PRINT SPEED

114 m/min (160dpi)

LOGO & BARCODE PRINTING

Yes

INK CONSUMPTION CONTROL SYSTEM

Yes

MAXIMUM PRINTABLE CHARACTER HEIGHT

Up to 12.7mm or 0.5"

MESSAGE ELEMENTS

Text | Date | Time | Logo | Counter | Shift | Barcode | External Data | Lot Number

For more information, please visit our website:

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