

## High Resolution Piezo-jet Printer

# DJ320

Cost-effective and user friendly high-resolution printing to satisfy all your basic coding and marking solutions.

Automatic ink system design with quick prime, ink drainage and self-cleaning print head nozzle for 100% mess-free printing.

Designed for oil, solvent and UV curable inks.

Low cost, reliable, robust and CE compliant, easy to use with no maintenance.

Capable of connecting to XJ128(17.5mm) or Proton(54mm) head.



# Key Feature

01



Quick print message editing by 4.3" touch screen, multi-language display is supportable.

02

Standard and bold types of fonts built into the system. Available for printing 1 to 4 lines.

03

Security chip embedded in the ink box to records the used ink data and the rest ink capacity.



04

Flexible installation includes floor stand, conveyor mounting and swing-arm.

05

Bulk ink delivery system provides a good solution for higher ink consumption.

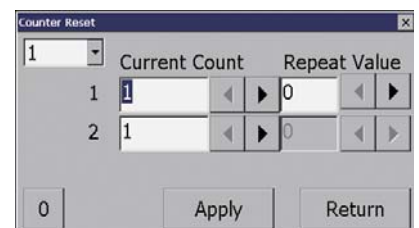
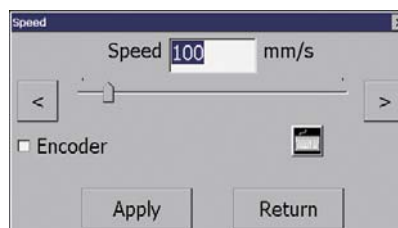
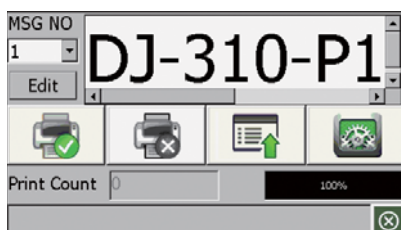


06

Automatically clean print head nozzle, minimize your maintenance.

07

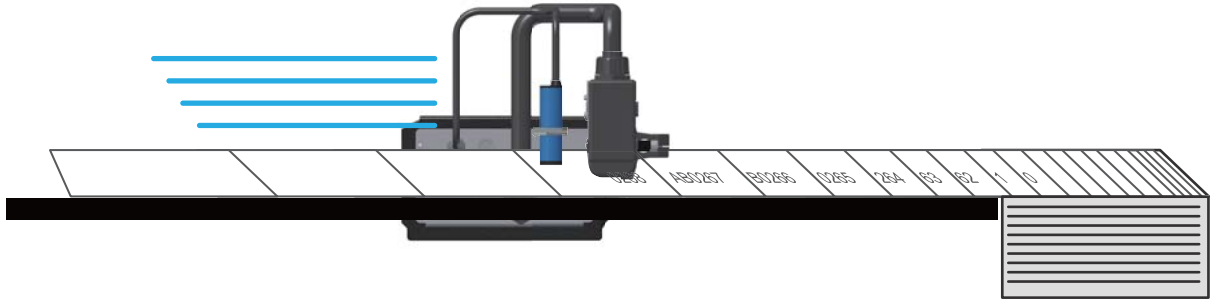
User friendly operation software, quickly set up print message.



## Key Feature

08

High performance printing, the best solution for high speed coding.



09

Print head automatically purges during each print break.

10

With auto-prime and auto-drain functions for a complete mess-free system.

11

Umbilical print head connection for both XJ128(17.5mm) and XJ382(54mm).

12

Alternative PC software supplied for mass print message creation.



## Accessory

Dedicated accessories for DJ320 for all applications.



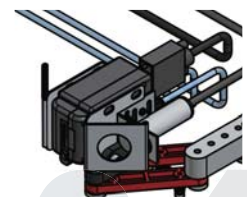
External Light Beacon



Encoder



UV Curing System



Anti-Shaking Swing-Arm

## Technical Details & Specifications

### Xaar piezo printhead technology

Electrical Requirement	AC 90V ~240V, 50/60 HZ
Operating Temperature	0°C ~50°C (32°F - 122°F)
Vertical & Horizontal Resolution	185dpi / 200dpi (Angled head mounting is optional will provides higher resolution to 360dpi - XJ128 head only)
Operation	4.3" LCD touch screen Store up to 30 messages in the built-in memory
Print Speed	30m/minute for XJ128/80 print head 60m/minute for XJ128/40 print head 50m/minute for Proton(XJ382) print head
Message Length	Up to 512 characters
Orientation	Horizontal and Vertical printing
Distance to Print Surface	Maximum 6.5mm (0.25 inches)
Print Height	17.5mm/1 line; 7mm/2 lines; 3mm/4 lines (XJ128 print head) 54mm/1 line; 20mm/2 lines; 10mm/4 lines (XJ382 print head)
Ink Usage	Oil, solvent and UV curing inks
Ink supply	500ml bulk ink supply is optional Standard 250ml ink cartridge
Dimension (L/W/H)	100 x 450 x 140 (mm) / 6.3 x 17.7 x 5.5 (inches)
Weight	3.2 kgs( 7.0 lbs) excludes cartridge and brackets

## Print capability & Software functions

- Two built-in fonts; normal and bold
- Automatic time and date functions
- Automatic best-before date calculation (date offset)
- Julia date printing
- Automatic sequential numbering
- Auto repeat printing
- Per message cost calculation
- Graphic format supported using 1 bit bitmap file (\*.bmp)

