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## Automatic Inject Batch Coding Machine

### TECHNICAL DETAIL OF INK JET PRINTER

#### ❖ INTRODUCTION:-

- These coders are ideal for On-Line High Speed Coding on packaging machines or bottles moving on conveyor or Winder / Rewinder systems.
- The message to be printed is very easily composed on its graphic display using the integrated complete QWERTY keyboard. The message can be up-to 4 lines with a combination of small, medium or large characters from 1-mm to 18-mm in height along with LOGO.
- The Inking system consists of a simple disposable pre-mix ink cartridge using fast drying & indelible solvent-based inks (for porous and nonporous Surfaces) which are just push fitted into its slot & immediately you can start printing.
- The small print head is then placed aligned with the object or substrate & whenever the product sensor gives a signal, the whole message is spray printed onto the substrate while it is in motion without touching it. Coder Model IJP – P2128

#### ❖ FEATURES:-

- Graphic 128 X 64 backlit liquid crystal display & integrated QWERTY keyboard with Real time clock and calendar, expiry date, Bar Codes, LOGOs, serial nos. (Counter), with 9 levels of Bolderisation, message reverse or invert print & storage of 45 messages of 4 lines each of 120characters per line with facility for password lock.
- This printer is Fully Electronic without CORE System & doesn't have any air pump, viscosity control unit, filters, etc. & so there is no maintenance required (No AMC). It does not require separate make up or wash solution as everything is included in the disposable ink cartridges making it very user friendly for the Operator. The printing cost is only about 2 paise per impression (25char).



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Supply Voltage	:	1Ø 110 or 220 Vac $\pm$ 10%, 50/60 Hz, 50 VA
Operating Range	:	0 to 45 deg. C, 10 – 90% RH non-condensing.
Printing Area	:	4 lines of 120 char each from 1 to 18 mm high.
Printing Speed Max.	:	25 Meters / min. for 1 to 4 line printing.
Prints using	:	XAAR (UK) Piezo-electric print head for spraying ink.
Print Distance	:	Max. 6 mm Down or in Front or at any angle.
Inking Medium	:	Disposable pre-mix ink cartridge
Printing Medium	:	Solvent based inks (black, blue*, red*, etc.)
Ink Drying Time	:	Min. 5 to 10 seconds on plastic, metal & laminates.
Impressions	:	Appx. 18 million d/m char. of 2mm per cartridge of ink.
Dimensions	:	20X30X36 cm & 31X38X100 cm with stand.
Weight	:	15 Kg for machine & 20 Kgs with stand

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#### ❖ Consumables for Subsequent Regular use:

- Pre-mix Rapid+ Black ink packs of Disposable cartridges (Solvent / Oil based)
- Cleaning Spray Metal Can 330 mL (to be sprayed on print-head at start-up & shutdown) Optional Accessories / Consumables which could be required Initially or Subsequently:
- Solvent for cleaning of Print-Head (per 500 ml.)
- Storage Oil for storing of Print-Head for long time without use (per 200 ml.)
- Photocell Product Detector / Colour Eye Mark sensor / Digital repeat Timer (for distance print)
- Encoder for instantaneous Speed Feedback for variable speed machines & Winder / Rewinder
- Imported high speed Hot Air Blower Fan for instant drying of ink after printing
- Solenoid with Digital Timer for moving Print-Head front & back for Pipe Printing
- Complete New Print-Head with 1 meter cable
- Flexi code Software CD & RS-232 Cable for connecting to Computer 9 pin COM Port
- CVT Stabilizer (ELEN make) (Compulsory to prevent voltage fluctuations from causing damage)

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### **IJP-P2128 Ink Jet Printer Other Ink Jet Printers Available Advantage of our Ink-Jet Printer**

- *No Core / Reservoir to be changed..*
- *Fully Electronic. No mechanical parts.*
- *No Filters for Inked*
- *Zero maintenance cost.*
- *Push Fit pre-mix disposable Ink Cartridge.*
- *Simple Ethanol based Inks. Methanol (M.E.K.) based Inks.*
- *300 dpi High Resolution Printing. Printed perfectly.*
- *90 Million+ characters per litter of Ink.*

