LOW COST INDUSTRIAL ON-LINE INK JET PRINTER - MODEL P2128

LOW COST On-Line Industrial Non-Contact Ink Jet Printer **Model IJP – P2128 (Maplejet-Canada)**, which is a Zero Maintenance, high resolution, FOUR line (character height 1 to 18 mm) English / Arabic printer. It has Stainless Steel construction & can be installed on Porous & Non-Porous production lines to print B.No., Mfg.Date, Exp.Date, MRP ₹, Time, **Serial No. (AGMARK)**, etc. on bottles, pouches, labels, cartons, **Pipes**, etc. Through the COM Port (RS-232) Computer Link (Win-XP), it is also capable of printing **High Quality Logos**, Scannable Bar Codes, *Hindi / Local Language* & upto EIGHT lines data in any Computer Font also with option of 90º traverse print.

VIDEO: https://youtu.be/KKvRoxC_x0U

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 upto 4 lines with a combination of small, medium or large characters from 1 mm to 18 mm in height along with LOGOs.

The Inking system consists of a simple **disposable pre-mix ink cartridge** using fast drying & indelible solvent-based inks (for porous and non-porous 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.

FEATURES:

• **Stainless steel rugged construction.** All machine stands, product sensor with stand, print head stand included with the system. Connection to print head via 1 m flexible cable. The print module is well protected & insulated in the Stainless steel tubular print head.

• 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 120 characters per line with facility for password lock.

• **This printer is Fully Electronic without CORE System & does not 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 running / printing cost is only about 2 paise per impression (25 characters).**

COMPARISON OF OUR PRINTER WITH OTHER PRINTERS

IJP-P2128 Ink Jet Printer	Other Ink Jet Printers Available
No Core / Reservoir to be changed.	Core/Reservoir to be replaced. ₹ 1,25,000/-.
Fully electronic. No mechanical parts.	Air Pump, Viscosity Unit, etc. ₹ 80,000/- ea.
No Filters for Ink.	Filter to be changed regularly. ₹ 25,000/- ea.
Zero maintenance cost.	High Maintenance Cost. AMC ₹ 35,000/-
Push Fit pre-mix Ink Cartridge.	Separate Ink, Make-Up & Solvent Bottles.
Simple Ethanol based Inks.	Methanol (M.E.K.) based Inks.
300 dpi High Resolution Printing.	Low resolution 60 dpi dot-dot type printing.
90 million+ characters per liter of Ink.	45 million characters per lit. of Ink+Makeup.

SPECIFICATIONS:

Coder Model	IJP-P2128 Ink Jet Printer
Supply Voltage	1Ø 110 or 220 Vac ± 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.
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, Red*, White*, etc.)
Ink Drying Time	Min. 10 seconds on plastic, metal & laminates.
Impressions	Appx. 9 million char. of 2 mm per cartridge.
Dimensions	20X30X36 cm & 31X38X100 cm with stand.
Weight	15 Kgs for machine & 20 Kgs with stand

Sample prints:
ABCDEFGHI 1234567 - 2 mm
ABCD 1234 - 4 mm
AB 12 - 8 mm
A1 - 17 mm

Mfg. Dt.: 22/06/2010
Exp. Dt.: 21/06/2011
Sr.No. : 000367
MRP Rs. : 128/-