ADVANCED INDUSTRIAL MICRO SYSTEMS

SCROLLING HEADER

INDUSTRIAL ON-LINE INK JET PRINTER – MODEL IJP

AIMS presents **HONAZ / SORVEH** (Canada, Dubai) make Industrial Inkjet Printer **Model IJP-P2128** which is an economical, no maintenance, user friendly, **high resolution _FOUR line_ Non-Contact printer** that can be installed on any production line to print **B.No., Mfg. Date, Exp. Date, MRP Rs., Logos, Bar Codes, Real Time Clock & Calendar, Serial No. (Agmark) etc.** on bottles, tins, labels, cartons, caps, pouches, etc.

INTRODUCTION:

These coders are ideal for **On-Line High Speed Coding** on packaging machines or bottles moving on conveyor.

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 17 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 is 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 2 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.

- **Push fit disposable solvent / oil based pre-mix ink cartridge** for ease of use. Uses Ethyl alcohol based simple inks that do not require any mixing or viscosity adjustments whereas other printers use Methanol (M.E.K.) based highly toxic to humans & difficult to use inks.

- Latest technology high speed 128 nozzle, 17 mm **XAAR** piezo-jet print head which is very high resolution & gives very high quality of print.

- Instant startup within 1 minute for the first print & instant shutdown within 1 minute with print head cleaning. Other printers require upto 30 minutes for each of the procedures & require a trained engineer.

- **No air compressor, pumps, viscosity control units or mechanical parts, hence lower running cost & more reliability. Maintenance free compared to other printers, which have a lot of moving parts & filters, which can fail & need to be replaced.** If there is a power failure, most printers require a major over haul by a trained engineer whereas this printer just starts printing as if nothing has happened.

- **The system is PC linkable** via the COM (RS-232) port. The windows based **FLEXICODE** software allows for the control of the print layout and design and for downloading of LOGOs, Bar Codes, data, etc.

SPECIFICATIONS:

Coder Model	IJP – P2128
Supply Voltage	230 Vac ± 10%, 50 VA
Operating Range	5 to 45 deg. C, 10 – 90% RH non-condensing.
Printing Area	4 lines of 120 char each from 1 to 17 mm high.
Printing Speed	Max. 50 Meters / min. for 1 to 4 line printing.
Prints using	Piezo-electric print head for spraying ink.
Inking Medium	Disposable pre-mix ink in 200 ml. cartridge
Printing Medium	Solvent based inks (black, white, yellow, etc.)
Impressions	Appx. 90 million char. of 2 mm per lit. of ink.
Dimensions	20X30X36 cm & 31X38X100 cm with stand.
Weight	15 Kgs for machine & 30 Kgs with stand