BATCH CODING, LABELING & PACKAGING SYSTEMS

- **Ink Jet Printers**
- Hand Held Ink-Jet Printer (IJP-M3S-X)
- Online Small Ink-Jet Printer (IJP-M3S-O)
- Large Character Hand Printer (IJP-M3S+/Max)
- Table Top Ink Jet Label Printer (IJP-X1/X2)
- Handheld / Online Ink-Jet Printer (IJP-T-360)
- Biggest Hand Held Ink Jet Printer (IJP-B80)
- Smallest Colour Ink Jet Printer (IJP-PrinCube)
- Manual Ink Jet Pen (IJP-PrintPen)
- Manual Ink Jet Stamp (IJP-JetStamp 970)
- Industrial On-Line Ink-Jet Printer (IJP-P2128)
- Large-Character On-Line Printer (IJP-X72)
- Large-Character Hand Printer (IJP-M10)
- Large-Character On-Line Printer (IJP-CL7)
- Multi-Head Egg Jet Printer (IJP-Egg)
- Compact Hand Held Laser Printer (SLP–L3)
- Online / Offline Smart Laser Printer (SLP)
- **On Line Coding Machines**
- On-Line Coder for Packaging Machines (BCC)
- Hot-Roll Rotary Coder (Like Markem) (HRC)
- Electro Pneumatic On-Line Coder (EPC)
- On-Line Hot Foil Coder (HFC)
- On-Line Continuous Friction Coder (FDC)
- Auto Carton Coder for Taping Machine (ACC)
- Conveyorized Product Coder (CEMC)
- On-Line Motorized Pipe Coder (PPC)
- **Off Line Coding Machines**
- Table Top Electro Mechanical Coder (EMC)
- Table Top Hot Foil Coder (HFC)
- Stacking Auto Feeding High Speed Coder (SCC)
- Stacking Hot Wax Table Top Coder (TTC)
- Motorized Pad Printing Machine (PPM)
- **Manual Coding Machines**
- Hand Held Coder for Cartons (HHC)
- Hand Stamping System for Pouches (HSS)
- Manual Hot Foil Coder (HFC)
- **Packing Machine**
- Carton Strapping Machine (CSM)
- Carton Sealing / Taping Machine (CTM)
- Combined Carton Strapping & Taping (CSTM)
- Blister / Skin Packing Machine (BPM/PSP)
- Stretch Wrapping Sealer (SWM)
- Tray Stretch Wrapping Machine (TWM)
- **Pouch Sealing Machine**
- Automatic Band Sealer Machines (BSM)
- Band Sealer with Nitrogen / Vacuum (BSM-G)
- Heavy Duty Bag Sealing Machine (BSM-W)
- Pneumatic Bag Sealing Machine (PHS)
- Pedal Heat Sealer (PFS/DPS)
- **Shrink Packing Machine**
- 2 in 1 Shrink Packing Machine (SPM)
- Shrink Packing Tunnels (SPT)
- L-Bar Sealer (LBS)
- Auto Shrink Packager Web Sealer (SPWS)
- **Vacuum Packing Machine**
- Table Top Vacuum Packaging Machine (TVP)
- Vacuum Packaging Machine (VPM)
- Vertical Type Vacuum Packaging (VPM-V)
- Double Chamber Vacuum Packager (DVP)
- Mini Vacuum Sealer (MVS)
- **Lidding / Capping / Sealing Machine**
- Induction Sealing Machine (ISM)
- Cup Heat Sealing Machine (HSM)
- Manual Lunch Tray Sealer (LTS)
- Semi-Automatic Cup Sealer Packaging (CPM)
- Automatic Cup/Tray Lid Sealer (AMS)
- Cap Locking & Capping Machine (LCM)
- Tube Crimping / Sealing (TCM/TSM)
- **Filling Machines**
- Semi-Automatic Bottle Filling Machine (BFM)
- Pneumatic Liquid filling Machine (LFM)
- Automatic Bottle Filling Machine (AFM)
- Paste Filling Machine (PFM)
- Mini Powder & Granule Filler (PGF)
- Auto Powder Filling Machine (PAF)
- **Label Printers / Applicators**
- Automatic Vertical Sticker Labeling (AVLM)
- Automatic Horizontal Sticker Labeling (AHLM)
- Semi-Automatic Sticker Labeling (SLM)
- Semi-Automatic Edge Labeling (ELM)
- Label Roll Printing Machine (LPM)
- Label Roll Dispenser (LRD)
- Semi-Automatic Glue Labeling M/C (BLM)
- Paper Folding Machine (PFM)
- **Conveying Systems**
- Unwinding / Rewinding Machine (WRM)
- Flat Belt Conveyor Systems (FBC)
- Auto-Feeding Stacking Conveyor (SCS)
- Truck Loading Conveyor (TLC)
- **Consumables & Accessories**

ADVANCED INDUSTRIAL MICRO SYSTEMS



INDUSTRIAL ON-LINE INK JET PRINTER - MODEL IJP – X72

Colored Touch Screen Large Character On-Line Non-Contact Ink Jet Printer **Model IJP-X72**, using Japanese Seiko Printhead is a Zero Maintenance, high resolution, **THIRTY FIVE** line (character height 1 to 72 mm) printer. It has Stainless Steel construction & can be installed on Porous & Non-Porous production line to print B.No., Mfg.Date, Exp.Date, MRP ₹, Time, **Serial No. (AGMARK)**, **High Quality Logos**, *Hindi / Local Language* also with option of 90° traverse print on bottles, pouches, labels, cartons, **Pipes**, etc. It has a large **Colored WYSIWYG Touch Screen** Display & complete keyboard for setting all parameters. It can also accept data from computer via. USB connection and is capable of accepting variable / random data from Excel sheets or from external on-line sources like Weighing Scales, PLCs, etc. It can print variable High Resolution, Scannable 1D / 2D (Datamatrix / QR) Barcodes with changing/serial numbers as required for Primary / Secondary & Tertiary Packaging in the Pharmaceutical Industry, widely used in a variety of traceability system and product classification / identification purposes with support for protocol customization. It also has the provision of connecting up to **TWO 72 mm Seiko Print-Heads** simultaneously with different data from each head or for a large 140 mm (5.5") height print (**Model IJP-X140**). Optional **Model IJP-X72–UV** available with Heater & UV Curing LED unit using **UV Curable Ink which is permanent & cannot be removed with Thinner also**.









VIDEO: https://youtu.be/6HmkVgw5RdI

INTRODUCTION:

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

The 1 to 8 line message to be printed is easily composed on its Colored Touch Screen Graphic display with a combination of small, medium or large characters along with LOGOs, Objects & Scannable Bar Codes.

The Inking system consists of **disposable pre-mix ink cartridge** using fast drying & indelible solvent-based inks (for porous and non-porous surfaces) which are push fitted into its slot to immediately 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:

- Graphic 4" WYSIWYG Colored backlit LCD Touch Screen Display with Real time clock and calendar, expiry date, Scannable Bar Codes, LOGOs, Serial nos. (Counter), with 9 levels of Bolderisation, message reverse or invert print & storage of 256 messages of 1 to 8 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 printing cost is only about 2 paise per impression.**

SPECIFICATIONS:

Coder Model	IJP – X72 / X72-UV Ink Jet Printer
Supply Voltage	1Ø 90 to 220 Vac ± 10%, 50/60 Hz, 50 VA
Operating Range	0 to 45 deg. C, 10 – 90% RH non-condensing.
Printing Area	35 lines of 120 char each from 1 to 72 mm high.
Printing Speed	Max. 40 Meters / min. for 1 to 35 line printing.
Prints using	Seiko (Japan) Piezo-electric print head.
Print Distance	Max. 6 mm Down, Up or in Front at any angle.
Inking Medium	Disposable pre-mix ink cartridge
Printing Medium	Solvent based inks (Black, Red*, White*, etc.)
Ink Drying Time	Min. 30 seconds on plastic. Instant for UV Inks.
Impressions	Appx. 18 million char. of 2 mm per cartridge.
Dimensions	34.7x22.4x11.5cm & 30X19X60 cm with stand.
Weight	12 Kgs

COMPARISON OF OUR PRINTER WITH OTHER PRINTERS

IJP – X72 / X72-UV 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.



QUALITY
REALIBILITY
COMMITMENT

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