

**BATCH CODING, LABELING & PACKAGING SYSTEMS**



**ADVANCED INDUSTRIAL MICRO SYSTEMS**

- Ink Jet Printers**
- Industrial On-Line Ink-Jet Printer (IJP-P2128)
- Multi-Head Egg Jet Printer (Prodigit-Eggs Print)
- Industrial Multi-Head On-Line Printer (MJP)
- Hand Held Ink-Jet Printer (IJP-M3S)
- Online Small Ink-Jet Printer (IJP-M3S-O)
- Table Top Ink Jet Label Printer (IJP-X1/X2)
- Large Character Hand Printer (IJP-M3S+/Max)
- Biggest Hand Held Ink Jet Printer (IJP-B80)
- Compact Hand Held Laser Printer (SLP-L3)
- Smallest Colour Ink Jet Printer (IJP-PrintCube)
- Manual Ink Jet Pen (IJP-PrintPen)
- Manual Ink Jet Stamp (IJP-JetStamp 970)
- Large-Character Hand Printer (IJP-GT-250)
- Large-Character On-Line Printer (IJP-SK-2000)
- 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)
- 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)
- Manual Shrink Packager (HBS)
- Vacuum Packaging 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)
- Automatic Induction Sealing (CISM)
- 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)
- Motorized Paste Filling Machine (PFM)
- Mini Powder & Granule Filler (PGF)
- Powder Filling Machine (PAF)
- Label Printers / Applicators**
- Automatic Vertical Sticker Labeling (AVLM)
- Automatic Horizontal Sticker Labeling (AHLM)
- Semi-Automatic Sticker Labeling (SLM)
- 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**



**BIGGEST HANDHELD INK JET PRINTER - MODEL B80 (100 mm)**

World's Biggest Handheld Large Character Non-Contact Ink Jet Printer Model IJP – B80 (100 mm), which is a Zero Maintenance, 300 dpi high resolution, Mains/ Battery Powered FORTY line (character height 1.2 to 100 mm) Printer using 4 nos. 1 inch Ink Cartridges & can be used on Porous / Non-Porous products to print B.No., Exp.Date, Time, Serial No. (AGMARK), Logos, Scannable variable Bar Codes, etc. on labels, cartons, woodboard, etc. It is fully programmable using the 5-inch full color Touch Screen LCD or with input from Pen Drive and is also capable of printing Multi-Segment / Grouped messages.

**B80 WIDE FORMAT HANDHELD INKJET PRINTER**

- High Resolution Coding, 100mm Height
- 40-Line Precise Positioning Printing
- Multicolor Combination Printing
- Media-Free Portable Printing



**VIDEO:** <https://youtu.be/cYcAzjK9Wg>



**IJP-X1 / X2 FEATURES:**

|   |  |
|---|--|
| 5 inch 800x480 color LCD touch screen                       | Human bionics design                             |
| High resolution up to 600 DPI                               | Different sliding wheel sizes for different DPI  |
| Variable 1D / 2D barcode printing supported                 | rechargeable battery for 12 hours of printing    |
| LAN for external devices like photocell, synchronizer, etc. | Flight box packaging for printer and accessories |
| Suitable for curvature and uneven surface printing          | Print anywhere and anytime                       |
| Remote control by PC software with database support         | Multiple Files Printing in multiple lines        |

**SPECIFICATIONS:**

| Coder Model             | Ink Jet Printer IJP – B80  |
|-------------------------|--|
| <b>Input Device</b>     | 5" touch screen - 800x480 full color LCD or Pen Drive.   |
| <b>Printable Images</b> | Alphanumeric, Logo, Date/Time, Counter, Variable Barcode, etc. UPCA, UPCE, EAN13, EAN8, INT25, CODE39, CODE128, ENA128, PDF417, DATAMATRIX, QR |
| <b>Printing Area</b>    | 1 to 6 lines from 1.2 to 12.7 mm high x 60 mm width max.   |
| <b>Printing Speed</b>   | Max. 70 meters/min for 1 to 12/20 line printing at 300 dpi   |
| <b>Prints Using</b>     | Hewlett-Packard (hp) TII 2.5 Print-head for spraying ink   |
| <b>Print Distance</b>   | Max. 6 mm from substrate down or in front.   |
| <b>Inking Medium</b>    | 60 cc disposable pre-mix ink in Cartridge form with head.  |
| <b>Printing Medium</b>  | Solvent/Oil based inks (black, white, red, blue, yellow, etc.)   |
| <b>Ink Drying Time</b>  | Min. 5 seconds on plastics & laminates.  |
| <b>Impressions</b>      | Appx. 40 Lakh characters of 2 mm per cartridge of ink.   |
| <b>Dimensions</b>       | 235 x 140 x 80 mm / 235 x 140 x 120 mm   |
| <b>Weight</b>           | 1.2 Kg excluding cartridge & battery.  |



**COMPARISON OF OUR PRINTER WITH OTHER AVAILABLE PRINTERS**

| IJP – B80 Ink Jet Printer                     | Other Ink Jet Printers Available                  | Advantage of our Ink-Jet Printer                         |
|---|---|--|
| <b>No Core / Reservoir to be changed.</b>     | Core/Reservoir to be replaced. ₹ 1,25,000/- ea.   | <b>Hidden cost of Core Systems avoided.</b>              |
| <b>Fully Electronic. No mechanical parts.</b> | Air Pump, Viscosity Control, etc. ₹ 80,000/- ea.  | <b>Mechanical parts get worn out &amp; fail in time.</b> |
| <b>No Filters for Ink.</b>                    | Filter to be changed regularly. ₹ 25,000/- ea.    | <b>Very high replacement filter cost saved.</b>          |
| <b>Zero maintenance cost.</b>                 | Very High Maintenance Cost. <b>AMC ₹ 35,000/-</b> | <b>Huge Cost saving every Year.</b>                      |
| <b>Push Fit disposable Ink Cartridge.</b>     | Separate Ink, Make-Up & Solvent Bottles.          | <b>Ease of use for the Operator.</b>                     |
| <b>Simple Ethanol based Inks.</b>             | Methanol (M.E.K.) based Inks.                     | <b>MEK is highly toxic for humans.</b>                   |
| <b>300 dpi High Resolution Printing.</b>      | Very low resolution 60 dpi dot-dot type printing. | <b>Logos &amp; Barcodes can be printed perfectly.</b>    |

**QUALITY RELIABILITY COMMITMENT**

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