# BENTSAI
## INKJET CODING SOLUTIONS

# B80 Series

## Wide Format Inkjet Coding Printer



**BENTSAI 92 MM Printhead Height**

| Box | Wood | Glass | Fabric |
| --- | --- | --- | --- |

| Ceremics | Aluminium foil | PVC | Aluminium |
| --- | --- | --- | --- |

## Highest Printable Character Size
- Max Content height: 92 mm.
- Adjustable multi-line printing.
- Flexible layout design and font import.

## Variable Print Content
- Text, date, number, barcode, QR code, graphics, logos.
- Supports variable codes from database imports.

## Print on Various Substrates
- Water-based and fast dry solvent-based inks.
- Suitable for porous and non-porous materials.

**Refillable ink Catridge**

**8 Hours Continous Printing**

**300dpi** — 300 DPI resolution

**4GB RAM**

## PRINTER SYSTEM

| | |
| --- | --- |
| DISPLAY | 5" HD Touch Screen |
| OPERATION SYSTEM | Linux based |
| SYSTEM LANGUAGES | English/German/French/Italian/Spanish/Portuguese/Slovenian/Serbo-Croatian/Czech/Bulgarian/Romanian/Polish/Greek/Hungarian/Russian/Ukrainian/Slovak/Arabic/Persian/Turkish/Chinese/Traditional-Chinese/Japanese/Korean/Hindi/Thai/Vietnamese/Indonesian/Burmese/Hebrew（Available languages vary for different regions） |
| EMBEDDED MEMORY | 4G |
| STATUS ALARM | Green: Ready ｜ Blue: Printing ｜ Red: Alarm |
| BATTERY | 6000mAh #18650 lithium ion batteries x 2 ｜ Operating time up to 8 hours |
| WORKING ENVIRONMENT | Storage: -20℃-55℃ ｜ Working: 5℃-35℃ ｜ Humidity: 10%-80% |
| APPLICATION MODE | Handheld/Inline |
| POWER PORTS | USB-C 9V/5A Battery Charging |
| I/O PORTS | USB-A, USB-C, Power port, Sensor port, Beacon port, Encoder port |
| ACCESSORIES | Ink Cartridge*4, U-Disk*1, Positioning Plate*1, AC/DC Power Adaptor*1, Photocell Sensor*1 |

## PRINTING FEATURES

| | |
| --- | --- |
| TECHNOLOGY | Thermal Inkjet Printing Technology |
| CODING & MARKING TYPE | Text, Numbers, Images, Logo, 2D codes, Barcodes, Dates, Counter, Database and etc. |
| IMAGE FORMATS | JPG, JPEG, PNG, BMP |
| BARCODE FORMATS | Code128, Code39, EAN8/13, UPCA, ITF ( 2of5 ), ITF14 |
| 2D CODE FORMATS | QR, DM, GS1DM |
| FONTS | True type fonts, Dot-matrix fonts |
| PRINTABLE MATERIALS | Water-based ink for porous and semi-porous substrates: Paper/Corrugated box/ Wood Fiberboard/Textile and etc. Solvent-based ink for semi-porous and non-porous substrates: Plastic/Glass/Metal plate/ Alu-foil/Cable and etc. |
| INK THROW DISTANCE | 2mm-5mm (Distance between nozzle plate and print object) |
| GRAY LEVEL OPTIONS | 1-10 |
| INK CARTRIDGES COLORS | Water-based Color options: Black, Cyan, Magenta, Yellow , Green Solvent-based Color options: Black, Cyan, Magenta, Yellow, White, Green |
| PRINT HEIGHT | 2.5mm- 92mm (1-40 Lines) |
| RESOLUTION | 300 dpi |
| MAX PRINT SIZE | 92 mm * 2100 mm |
| MAX PRINT SPEED | 60m / min |

## PRODUCT MODELS

| | |
| --- | --- |
| MODEL NAME | B80( Supports water-based cartridges only) /B85( supports both water- / solvent- based cartridges) |
| PRINTHEAD | 100mm /4" (25.4mm*4) |
| OPERATING MODE | Handheld/Inline |
| DIMENSION | 232mm*110mm*180mm |
| WEIGHT | 1240g |
| PACKAGING | 705mm*215mm*265mm ｜ 5168g |