



# Zhuhai Bentsai Printing Technology Co., Ltd.

## Wide Format Handheld Inkjet Printer B80 Series

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# 01

## Introduction

| Product Information | Product structure | Packing list | Product parameter | Functional configuration |





- Product Name: Wideformat Handheld Printer B80 Series
- B80 Water Based Ink, Only support Water Based Ink
- B85 Both Water Based Ink and Solvent Ink
- Firmware V1018

Water Based Ink: Suits for Carton Box, Wood Box, Kraft Paper Bag...etc

Solvent Ink: Suits for Food Packing, Plastic, Metal...etc non-porous surface

# Product Structure

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# Packing List

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Wide format handheld inkjet printer



Positioning bracket



Instrument container



Ink cartridge



Power line



Adaptor



Brochure

# Product Parameter

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Content	Specification
Display screen	5 inch color LCD capacitive touch screen
Status display	LED light shows green indicating ready state;Blue is the print state;Red indicates alarm status;
Operation interface	User-friendly UI design, simple operation
Printing content	Text, number, symbol, qr code, bar code, picture, time, date, counter, etc
Printing material	B80:Porous Surface; B85: Porous,Semi-Porous and Non-Porous Surface
Printing font	Vector font, dot matrix font
Printing accuracy	300dpi
Printing lines	Up to 40 lines
Nozzle height	25mm-100mm (According to the number of nozzle)
Printing distance	2-5mm (The distance between the nozzle and the object)
Size	239*182*117mm

Content	Specification
Printing speed	10m/min(300dpi fastest)
Printing orientation	360 degree coding
Ink color	Manually Water Based Ink: BK, Magenta, Yellow, Cyan Manually Solvent Ink: BK, Red, Yellow, Blue, Green Online Solvent Ink: BK
Ink capacity	42ml
External interface	USB, Photoelectric interface, power interface, U disk, synchronizer, alarm light
Battery capacity	6000mAh
Standby time	22h
System power consumption	47W
Use ambient temperature	0-40°C
Use environment humidity	10%-80%
Power supply	DC9V-5A
Weight	1.25Kg
Storage capacity	8GB
Continuous printing time	4h or more

# 02

## Characteristic

| Exterior design | Product advantages | Product Honor |



## Exterior design

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- ✓ 5 inch large color touch display
- ✓ Multi-layer structure design, metal front cover
- ✓ Classic look color scheme
- ✓ Hidden interface design, no leakage of ink cartridge and interface

## Product advantages

- 4 core CPU, 8GB large storage space:

Super strong hardware materials ensure smooth and stable system operation.

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## Product advantages

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- 10cm print head height, print new height

4 Splicing design of the nozzle, breaking through the difficulties of industry splicing technology



# Product advantages

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- Cartridge installation detection function



Bentsai original creation:

When the ink cartridge is disassembled, the circuit is automatically cut off, which fundamentally solves the problem of power off and disassembly of the ink cartridge.

## Product advantages

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- The water Based Ink Can be refilled several times to save costs

Bentsai innovative refillable ink design, breaking through the industry model of ink cartridges used only once, greatly reducing user costs.



# Product advantages

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- 17 languages, with handwriting input



Bentsai Wide Format Handheld Inkjet Printer is available in Simplified Chinese, Traditional Chinese, English, Japanese, Korean, German, Spanish, Russian, Arabic, Italian, Portuguese, French, Hindi, Thai, Vietnamese, Persian, Turkish 17 languages and corresponding input methods, users can switch at will, wide range of use; (domestic sales are only simplified Chinese)

Configure handwriting input and associative input function to make each user input more worry-free

# Product advantages

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➤ Powerful coding function

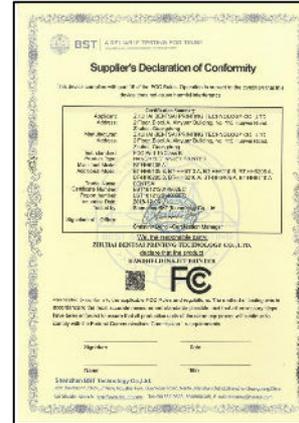


Wide Format Handheld Inkjet Printer can realize variable text, two-dimensional code, bar code printing, realize one thing one code, variable logo!

# Product Honor



## Product certification



The certification of Wide Format Handheld Inkjet Printer can export barrier-free to more than 90% of the world's countries, escorting countries' exports.

# Product Honor

➤ Independent development, patent protection: (16 patents applied)

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Application type	Application name	Application Number
Invention	Printing method and device, handheld printer and storage medium	2020101263796
Invention	Printing method, device, storage medium and handheld printer	2020101263781
Utility model	Handheld printer nozzle protective cover, handheld printer housing and handheld printer	2020202225354
Utility model	A type of handheld printer	2020202224582
Utility model	Hand-held printer control device and hand-held printer	2020202224578
Utility model	Front panel of handheld printer and handheld printer	2020202223880
Utility model	Cartridge clamping mechanism and handheld printer	2020202223876
Invention	Portable printer	2020101231831
Invention	Information processing method and device, handheld printer, and readable storage medium	2020101263777
Utility model	Main roller structure of handheld printer and handheld printer	2020202224563
Utility model	Hand-held printer housing, nozzle assembly and hand-held printer	2020202223908
Utility model	Printer battery installation device and handheld printer	2020202223895
Invention	Handheld printer	2020101281313
Exterior	Handheld printer	2020300617421
Exterior	Hand-held printer with graphical user interface	202030061746X
Exterior	Hand-held printer with graphical user interface	2020300617474

# 03

## Usage

| Handheld printing | Picture printing |



# Handheld mode printing instructions

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Click "Print Edit" on the main menu interface



"Add" can add text, QR code, bar code, picture, time, number, etc. according to requirements;



Click the red box to enter the content input interface



Content input



Content settings



Confirm printing

# Picture printing instructions

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The picture should be named after "number or English"!

The picture is saved as "JPG, PNG, BMP" any format to the U disk pictures folder



3

2

Modify picture pixel size; horizontal maximum 12800; vertical maximum: 566

1

Use the computer's own drawing tool to open the picture. Select "Resize" to determine the "Pixel" option

4

Insert the U disk into the machine; select the corresponding pictures in the "mobile storage" to import to the machine

5

Add pictures in print editing; select the corresponding pictures to print;

# 04

## Application



# Product application- B80 Series

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## Wooden box printing

It is used for printing in the wooden box industry, and the digital printing method solves the traditional template printing.



## Carton proofing

Solve the cost of carton proofing and improve the time efficiency of carton proofing.



## Paper bag logo

Satisfy the printing content of paper bag production date, product name, etc.

# Product application-B85 Series

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Plastic Bin Printing



Signs Printing



Glass Printing

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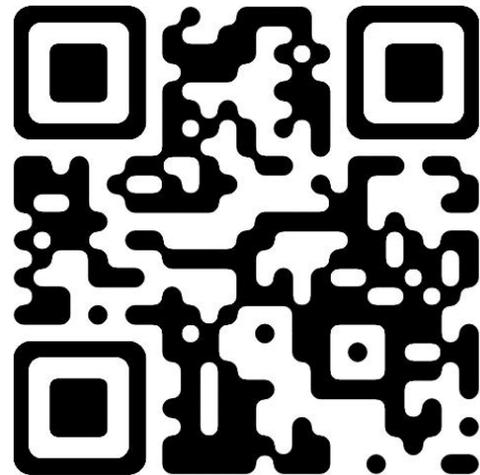
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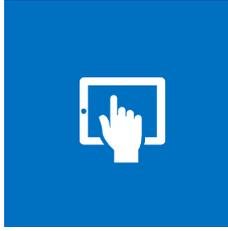
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**THANKS!**