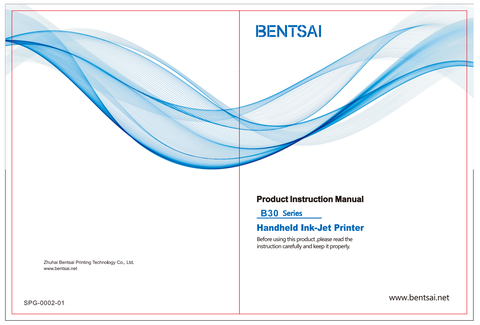

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Component diagram of the ink-jet printer

Operation process

1. Install the ink cartridge: press the cover button to pop up the upper cover, insert the ink cartridge into the machine, and close the upper cover.
2. Printing step: press the power switch button to turn on the machine → [Edit] →[Add] →choose content types→ edit content →click [Print] →remove the head protection cover →place the machine on the product to make the synchronous tread surface fit the surface of the product → press and hold the print button → when hear the "beep" sound, make the machine slide at a constant speed on the product → when you hear the "beep" feedback sound again ,release the print button and lift the machine → click the [Cancel] button to complete the printing → close the nozzle protection cover

Technical parameters

Content	Specifications
Operating system	Linux
Display screen	4.3 inch color LCD capacitive touch screen
Machine interface	U disk interface, power adapter interface, photoelectric sensor interface
Trigger mode	Half sensor trigger, Photoelectric sensor trigger, manual trigger
Status Display	Down-mains ready status, low-heavy printing status, no-mains alert status
Jet printing content	text, number, symbol, picture, time, date, Variable counter, Variable QR code (QR code, DM codes), barcode, Variable barcode, Variable text
Input method	Chinese intelligent pinyin input, Chinese handwriting association input, Spanish language input
Jet printing font	Vector font, dot matrix font
Jet printing accuracy	300dpi
Jet printing rows	up to 10 rows
Nozzle height	25.4mm
Jet printing distance	2-5mm (Distance between nozzle and object)
Jet printing speed	Fastest 10m/min
Ink type	Water-based/Solvent
Ink color	Solvent: red, yellow, blue, black, green Water-based: red, yellow, blue ,black
Ink capacity	42ml
Working humidity	10%-80%RH
Power	input：AC100-240V ，output：DC 9V,2A
Weight	0.49KG（with battery）
Storage capacity	512MB
Size	136mm*49.9mm*232.65mm

Precautions

- Prohibition of the use of non-original ink cartridges.
- After the machine finishes printing, please cover the print head cover in time to prevent the print head of the ink cartridge from being blocked.
- Please refer to [Troubleshooting] for abnormal machine. It is forbidden to disassemble the machine.
- Please use the original cleaning liquid to clean the nozzle.
- When cleaning the machine, keep away from water and do not use chemical solvents.
- Don't place the machine in a wet environment for a long time, causing the circuit to be damp.
- If there is serious whiteness and lack of color during printing, please use the ink absorption clip to suck the nozzle.

Main menu

Print edit

Edit the content to be printed

- Open - Open the print file saved by the printer,
- Save - Archive the currently edited content,
- Add - Add content from other categories, such as QR code, image, time, bags, and more,
- Delete - delete the current edit content,
- Print - Determine the current editing content and the jet printer works.
- Edit - Reedit selected content.,
- Back - Return to previous menu.

Print management

Job management, group printing, label management of documents

- Job mgt - Edit, delete, and rename job files.
- Group print - Add a file under job management to the printing list and print the contents of the list in turn.
- Tag mgt - Add, rename, edit and delete the tag library.

Data input and output

Note: For input and output text format, the content can only be text.

- Data input and output support three formats: TXT format, BMP format, KJOB format

Database printing

Note: In general, for database printing, the database printing file should be Excel, have to be saved as: "Unicode text (*.txt)", "CSV (UTF-8 (comma separated) (*.csv)", and encoding only supports UTF-8

- Can print variable text, QR code and barcode, realizing one object with one code (variable printing).

System settings

Instructions supplement:
Print Settings—Set print parameters.
Tone settings—Set system tone.
Screen settings—Set screen brightness.
Power settings—standby, off time settings.
Lock settings—Set the lock screen password and pulse width parameters of the ink cartridge.
Time setting—Set the local system time.
Language Settings—Set the local system language.
Restore factory settings—Restore the initial settings of system parameters.

Printing settings:
Resolution—300dpi.
Mode—Handheld, Photoelectric, Continuous Mode.
Printing orientation—left-to-right, right to left, automatic recognition.
Nozzle selection-left inkjet, right inkjet.
Gray level—1-10 levels optional.
Start sync. wheel—Set the start continuous printing mode.
Delay time—0-300mm, can be set in photoelectric and continuous mode.
Printing speed—10m / min, can be set in photoelectric and continuous mode.
Print times—Set the total number of single prints in continuous mode.
Print interval—Set the distance between two prints in continuous mode.

Equipment maintenance

Note:
Firmware upgrade should ensure the power supply voltage is above 20%. If it's insufficient, please connect the charger to upgrade. Otherwise, it will lead to power failure and chip damage. The machine upgrade failure will affect the subsequent use.

Routine maintenance and system upgrades of the machine and cartridge

Document storage

Note:
Pictures should be named by number, and cannot be Chinese or special symbols. This machine can recognize BMP, JPGG and PNG formats. Picture resolution does not exceed 4000*4000 pixel.

Expand the machine storage space for the convenience of print file download, transfer, call and operability enhancement,

Device information

Basic information including local information, battery status, and consumable information

Troubleshooting

NO.	Fault	Cause	Troubleshooting
1	Unable to print	Incorrect cartridge installation	Reinstall cartridge
		Run out of ink	Replace cartridge
		Incorrect parameter settings	Factory default
		Incorrect setting of printing content	Re-edit printing content.
		Incorrect position of the photo-electric switch	Adjust the position of the photo-electric switch
		Poor contact between cartridge and machine	Reinstall cartridge
2	Printing is not clear	Run out of ink	Replace cartridge
		Incorrect parameter settings	Factory default
		Dirtiness on the surface of cartridge head	Clean the surface of cartridge head
		Low battery	Charge or replace battery
3	Unable to boot	Low or damaged battery	Charge or replace battery
		Poor battery contact	Reinstall battery

Packing list

NO.	Name	Quantity
1	B30 Series Handheld Ink-jet Printer	1 unit
2	Ink cartridge	1 pcs
3	Power adapter	1 pcs
4	U Disk	1 pcs
5	Positioning plate	1 pcs
6	Roller components	1 pcs
7	Qualified certificate	1 copy
8	Product instruction manual	1 copy
9	Ink absorption clip	1 set

The warranty provisions

Dear customers

Thank you for purchasing the products of Zhuhai Bentsai Printing Technology Co., Ltd. In order to guarantee the use safety of the product and your legitimate interests, please read the following carefully, fill out and properly save the warranty card.
This product is a precision grade instrument, In case of any abnormality and the device failure, please check it according to the instructions in the manual or contact our customer service center, Do not handle it by yourself.

Terms of service

1. This product implements the national three-guarantee regulations for products, and implements a one-year warranty period, The start date of the warranty period is subject to the product invoice date.
2. During the warranty period, if the product is in normal use and maintenance, for failure caused by machine parts and materials and process, the company will provide free repair and replacing parts.
3. Except for consumables (ink cartridges, screen, ferrules, removable memory, switches, chargers, and batteries are not covered by the warranty).

Disclaimer

Any of the following conditions is not covered by the warranty:
1. Damage caused by improper transportation, use, storage and maintenance of the user, or man-made damage.
2. It is not repaired by the maintenance department designated by the company, or assembled disassembled and repaired by user.
3. Parts or consumables used are not from the factory of the company and cause damage.
4. No warranty card and valid certificate or they are altered.
5. Beyond warranty period.
6. Damage caused by force majeure.

Warranty Card

Related information

User name	Phone number
Mailing address	
Product model	Product code
Purchase shop	Purchase time
Repair point	Invoice number

Maintenance records

Repair date
Fault content
Processing result
Maintenance unit name/tel
Maintenance staff signature

Please fill out this warranty card immediately when purchasing our products.
Please keep the warranty card in a safe place. Consumers do not need to send it back to the company.
Please carry the warranty card and the original valid invoice for repair .

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