Zhuhai Bentsai Electronics Co.,Ltd.

A public listed company, stock code 873054

www.bentsai.com
info@bentsai.com
Add:2/F,Block B, Factory Building 1,
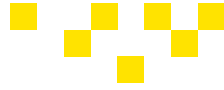115 Huawei Road, Xiangzhou District, Zhuhai

BENTSAI
INKJET CODING SOLUTIONS

Catalog
2025/26

Contents

![BENTSAI INKJET CODING SOLUTIONS]

A public listed company stock code 873054

ABOUT BENTSAI

Originated from Taiwan, Headquartered in Zhuhai with a Global Presence

Bentsai has its origins in Taiwan and is headquartered in Zhuhai, China, with a global presence. Bentsai is an industry-leading manufacturer of coding machines, dedicated to the development and industrial application of thermal inkjet printing technology for coding and marking in the packaging industry. Bentsai's printer portfolio includes two series of handheld and inline printers, providing industrial users with flexible, cost-effective, and easy-to-maintain solutions for product identification and traceability.
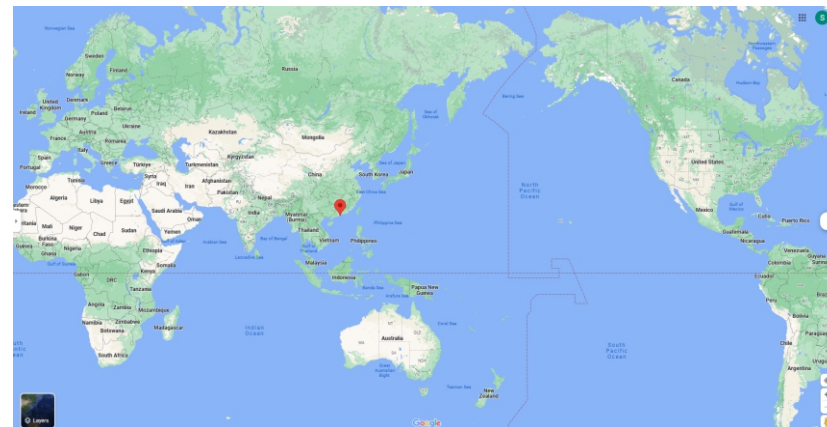
In-house TIJ printheads and cartridges production

Bentsai is a pioneering company in Mainland China that specializes in developing and producing thermal inkjet printheads using advanced microfluidic MEMS technology. These printheads are essential components of inkjet printer cartridges. We are proud to be the first company in China to achieve mass production of thermal printhead chips and cartridges, positioning us at the forefront of industry innovation.
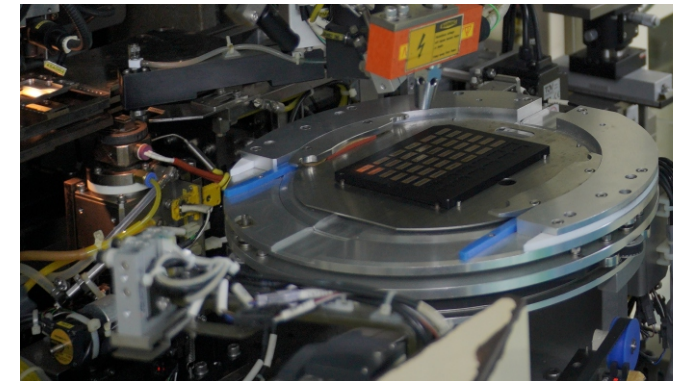
Vertical manufacturer of printer software and hardware

Bentsai excels in comprehensive software and hardware development for inkjet printing devices. Our expertise includes hardware design, Linux-based printing operating system development, printhead and ink formulation matching, and chip encryption algorithm research. With these capabilities, we offer customized solutions for inkjet printer printheads, coding printers, and specialized inkjet printers, ensuring we meet the unique requirements of our esteemed customers.

Passion and Expertise in the Coding & Marking Industry

Situated in Zhuhai, a global hub for printing equipment, Bentsai boasts a team with extensive industrial experience, with most members having nearly 20 years of expertise. We exhibit a fervent passion for the inkjet printing industry and prioritize product innovation and customer satisfaction. Our ultimate objective is to establish a renowned global brand of inkjet coding solutions, and make valuable contributions to the expansion of the packaging industry.
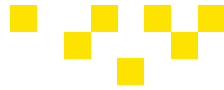
Production Line for TIJ Printheads

– The first mass–production line for TIJ thermal inkjet printheads in China.

– Capable of manufacturing & customizing inkjet printheads.

– Annual production capacity 3 million pcs printheads.

– Equipped with high–precision & advanced manufacturing equipment.

Photolithography
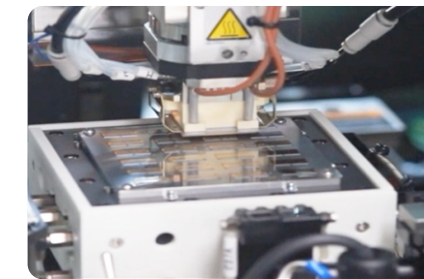
Prebond

TAB

Printheads Customization Available

The BC800 series cartridge is compatible with 45 series ink cartridge, which achieved mass production and sales. Custom development solutions available for TIJ printheads and ink cartridges.

Thermal inkjet printheads/inkjet printer customization
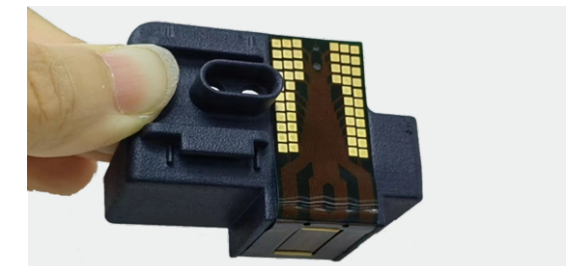
TIJ inkjet cartridge customization

Key advantages

Printheads Manufacturing

Coding Printer Software & Hardware Integration

Ink Formulation & Filling

Private Encryption Chips

Innovative & Patented

Global Brand Presence

AWARDS

ISO 9001/14001 certified

BENTSAI
INKJET CODING SOLUTIONS
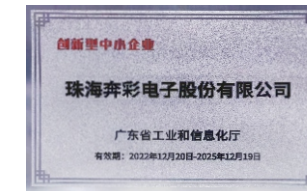
BC800B
Ultra-long De-cap time eco-solvent ink

✔ Longer decap time

✔ More stable printing quality

✔ Less nozzle clogging

BC800B

Black

Media Coverage

OPP	PP	PET
PE	Glass	Alufoil

BC800B presents a cutting-edge solution for industrial and handheld TIJ inkjet printing. It allows longer de-cap time, performs better printing quality, and significantly reduces nozzle clogging and maintenance requirements.

BC800B black solvent-based ink is specifically formulated for traceable coding and marking, as well as other packaging printing applications. It requires very little maintenance and delivers reliable and consistent print performance.

BC800B ink performs well on various semi-porous and non-porous substrates, such as metal, PET, PP, PE, OPP, and aluminum foil. Its impressive de-cap time makes it perfect for intermittent print applications.

Part Number	BC800B	Cartridge Type	TIJ ink cartridge without smart chip
Color	Black	Ink Throw Distance	2-5mm
Ink Type	Solvent-based Ink	Ink Fill level	42ml
Resolution	Up to 600 dpi (recommended 300x300 dpi)	Average Delivered Ink	35ml(Vertical) 33ml(Horizontal)
Max Print Swath	12.7mm	Average Drop Volume	37pl
Nozzle Count	300	Max. Firing Frequency	12kHz
Firing Voltage	8.8V (*Please conduct test before use, the suitable parameter may be different depending on the printer)	Shelf Life	9 months from ink filled date
Firing Pulse Width	1.8 μs	Operation Conditions	15℃ to 35℃ , 35% to 80% RH
De-Cap Time	8 Hour and above under normal condition and environment (*The actual toleration depends on the surrounding temperature and humidity)	Shipping/Storage Conditions	5℃ to 40℃ , 20% to 80% RH
Ink Dry Time	4-5 seconds (set for 300x300 dpi, 2.5 mm font) 8-10 seconds (set for 300x300 dpi, 12.7 mm font) (*The printing test results on aluminum foil packaging bags. However, the actual dry time depends on different substrates)	Printhead Cleaning	Wipe lightly with lint-free dry cloth or IPA ethanol-contained cloth.DO NOT USE WATER.

BENTSAI
INKJET CODING SOLUTIONS

BC880B

Enhanced adhesion eco-solvent ink for Inline inkjet printers

✔ Reliable continuous printing

✔ Superior printing quality

✔ Strong adhesion and fast-dry for PP, OPP, PE, PET films and substrates

Media Coverage

OPP	PP	PET
PE	Glass	Alufoil

BC880B presents a cutting-edge solution for industrial TIJ inkjet online printing. It improves rub resistance and significantly reduces nozzle clogging, ensuring high-efficiency and high-quality printing at all times.

BC880B black solvent-based ink is specifically formulated for traceable coding and marking, as well as other high-efficiency industrial packaging printing applications. It requires minimal maintenance and delivers highly efficient and reliable continuous print performance.

BC880B ink performs well on various semi-porous and non-porous substrates, such as metal, PET, PE, PP, OPP, and aluminum foil, especially thin-film packaging materials."

Part Number	BC880B	Cartridge Type	TIJ ink cartridge without smart chip
Color	Black	Ink Throw Distance	2-5mm
Ink Type	Solvent-based Ink	Ink Fill level	42ml
Resolution	Up to 600 dpi (recommended 300x300 dpi)	Average Delivered Ink	35ml(Vertical) 33ml(Horizontal)
Max Print Swath	12.7mm	Average Drop Volume	37pl
Nozzle Count	300	Max. Firing Frequency	12kHz
Firing Voltage	8.8V (*Please conduct test before use, the suitable parameter may be different depending on the printer)	Shelf Life	9 months from ink filled date
Firing Pulse Width	1.8 μs	Operation Conditions	15℃ to 35℃ , 35% to 80% RH
De-Cap Time	1 Hour and above under normal condition and environment (*The actual toleration depends on the surrounding temperature and humidity)	Shipping/Storage Conditions	5℃ to 40℃ , 20% to 80% RH
Ink Dry Time	3-4 seconds (set for 300x300 dpi, 2.5 mm font) 4-6 seconds (set for 300x300 dpi, 12.7 mm font) (*The printing test results on aluminum foil packaging bags. However, the actual dry time depends on different substrates)	Printhead Cleaning	Wipe lightly with lint-free dry cloth or IPA ethanol-contained cloth.DO NOT USE WATER.

BENTSAI
INKJET CODING SOLUTIONS

BC300B
Water-based black pigment ink
for printing on semi-porous and porous substrates

✔ Exceptional print quality with sharp details and improved adhesion

✔ Rapid absorption and fast drying, particularly for semi-porous substrates

✔ Perfect for both matte and glossy-coated labels and cartons

Media Coverage

Glossy labels	Coated cartons
Textiles	Foam containers

BC300B is designed for high-resolution printing of small characters, barcodes, 2D codes, images, and more at high speeds on semi-porous and porous substrates.

Its quick drying time on various materials guarantees reliable and consistent high quality industrial codings, requiring minimal maintenance between print jobs.

Part Number	BC300B	Cartridge Type	TIJ ink cartridge without smart chip
Color	Black	Ink Throw Distance	2-5mm
Ink Type	Water-based Ink	Ink Fill level	42ml
Resolution	Up to 600 dpi (recommended 300x300 dpi)	Average Delivered Ink	35ml(Vertical) 33ml(Horizontal)
Max Print Swath	12.7mm	Average Drop Volume	37pl
Nozzle Count	300	Max. Firing Frequency	12kHz
Firing Voltage	11.2V (*Please conduct test before use, the suitable parameter may be different depending on the printer)	Shelf Life	12 months from ink filled date
Firing Pulse Width	2.0μs	Operation Conditions	15℃ to 35℃ , 35% to 80% RH
De-Cap Time	1 Hour and above under normal condition and environment (*The actual toleration depends on the surrounding temperature and humidity)	Shipping/Storage Conditions	5℃ to 40℃ , 20% to 80% RH
Ink Dry Time	1-2 seconds (set for 300x300 dpi, printing horizontal lines) (*The printing test results on aluminum foil packaging bags. However, the actual dry time depends on different substrates)	Printhead Cleaning	Wipe lightly with lint-free dry cloth

BC320B Refillable Cartridge Set
for Timber Marking Industry
Refillable kit for up to 5 uses

- ✔ Refillable up to 4 times lower printing costs
- ✔ No professional recycling needed
- ✔ High printing density smooth ink flow

BC320B economic refilling kit is specially designed for the timber marking industry, offering lower printing costs, fewer nozzle clogs, lower maintenance frequency, and more stable production assurance.

BC330B Invisible Ink Cartridge
for Timber Marking Industry
Eco-friendly, odorless, invisible anti-counterfeiting

- ✔ Special ink formula, eco-friendly and odorless
- ✔ No printhead clogging, clear and long-lasting printing
- ✔ Invisible markings in normal light, visible under UV light

BC330B industrial-grade invisible anti-counterfeiting inkjet cartridges are tailored for the timber marking industry. They provide lower printing costs, reduce nozzle clogs, lower maintenance frequency, and ensure more stable production

BC310B Ink Cartridge for Garment Plotter

Specially developed inkjet cartridge for plotters

✔ Self-produced printhead, sharp and clear printing

✔ Professional ink for smooth printing and high density

✔ Customizable chip encryption for plotter manufacturers

✔ Affordable alternative to brand cartridges

BC310B innovative industrial-grade TIJ cartridges with fewer nozzle clogs, lower maintenance frequency, and more stable printing assurance.

Part Number	BC310B	Cartridge Type	TIJ ink cartridge without smart chip
Color	Black	Ink Throw Distance	2-5mm
Ink Type	Water-based Ink	Ink Fill level	42ml
Resolution	Up to 600 dpi (recommended 300x300 dpi)	Average Delivered Ink	35ml(Vertical) 33ml(Horizontal)
Max Print Swath	12.7mm	Average Drop Volume	37pl
Nozzle Count	300	Max. Firing Frequency	12kHz
Firing Voltage	11.2V (*Please conduct test before use, the suitable parameter may be different depending on the printer)	Shelf Life	12 months from ink filled date
Firing Pulse Width	2.0μs	Operation Conditions	15℃ to 35℃ , 35% to 80% RH
De-Cap Time	1 Hour and above under normal condition and environment (*The actual toleration depends on the surrounding temperature and humidity)	Shipping/Storage Conditions	5℃ to 40℃ , 20% to 80% RH
Ink Dry Time	2-3 seconds (set for 300x300 dpi, printing horizontal lines) (*The actual dry time depends on different substrates)	Printhead Cleaning	Wipe lightly with lint-free dry cloth

Industrial InkJet Coding Printers

Convertible between 0.5"/1" cartridges

E61P Series

Scan for video
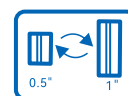
Simple & Flexible Installation

Easy & Clean Operation

Low-Cost & Zero Maintenance

Intelligent interface, easy and fast

Convertible between 0.5"/1" cartridges

Protruding printhead plates, more flexible for printing on curved surfaces

PRINTER SYSTEM

DISPLAY	4.3" HD Touch Screen
OPERATION SYSTEM	LINUX System
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	128M
STATUS ALARM	Green: Ready | Blue: Printing | Red: Alarm
WORKING ENVIRONMENT	Storage: 0℃-45℃ | Working: 5℃-35℃ | Humidity: 10%-80%
APPLICATION MODE	INLINE
ELECTRIC POWER	DC 9V/2A Power Supply
I/O PORTS	USB-A , USB-C, Photoelectric-Sensor
EXTERNAL POWER ADAPTER	IN: 100-240V / OUT: DV9V 2A
ACCESSORIES	Standard: USB*1, Photosensor*1, Power adapter*1 , 0.5" printhead plate*1, 1" printhead plate*1 Optional: Rotating Bracket, Anti-shock Bracket, 0.5 " flat printhead plate*1, 1 " flat printhead plate*1

PRINTING FEATURES

GRAY LEVEL	1-5	
MESSAGE COMPONENTS	Text, Numbers, Images, Logo, Barcodes, Dates, Counter, Database etc.	
IMAGE FORMAT	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/ Wooden/Fiberboard/Cotton and etc. Solvent based ink for semi porous and non porous substrates: Plastic/Glass/Metal plates/Alu-foils/Cables, and etc.	
INK THROW DISTANCE	2mm-5mm (Distance between nozzle plate and print object)	
INK CARTRIDGES	Water-based Color options: Black, Cyan, Magenta, Yellow, Green Solvent-based Color options: Black, Cyan, Magenta, Yellow, White, Green, Security	
PRINT HEIGHT	2.5mm-12.7mm (1-5 Lines)	2.5mm-25.4mm (1-10 Lines)
RESOLUTION	600 / 300 dpi	300 dpi
MAX PRINT SIZE	12.7mm * 406mm	25.4mm * 406mm
MAX PRINT SPEED	60m / min	15m / min

PRODUCT MODELS

MODEL NAME	E61P
PRINTHEAD	12.7mm/0.5 " | 25.4mm/1 "
POWER PORTS	DC 9V/2A
I/O INTERFACE	USB, Sensor port
DIMENSION	155mm*61mm*115mm
WEIGHT	460g
PACKAGING	365mm*267mm*135mm | 2520g

Industrial InkJet Coding Printers

Supports upto 2 printheads, 0.5 inch/1 inch printhead

E62P/E64P Series

Scan for video
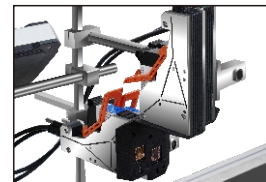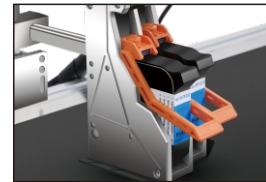
- **120m/min high-speed printing**
- **Convertible for 0.5" and 1" cartridges** (OPP PP PET PE Glass Alufoil | 0.5" 1")
- **Bentsai ink cartridges for various substrates**
- **PC software and API available** (API)
- **One-Click ink cost calculation**
- **One customer one code, exclusive ASIC encryption chip** (ASIC)
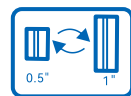
PRINTER SYSTEM

DISPLAY	7 " HD Touch Screen
OPERATION SYSTEM	LINUX System
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	8G
STATUS ALARM	Green: Ready ｜ Blue: Printing ｜ Red: Alarm
WORKING ENVIRONMENT	Storage: 0℃-45℃ ｜ Working: 5℃-35℃ ｜ Humidity: 10%-80%
APPLICATION MODE	INLINE
I/O PORTS	Ethernet, USB, Photocell, Encoder, Beacon
EXTERNAL POWER ADAPTER	IN: 100-240V / OUT: DV24V 4A
ACCESSORIES	Standard: USB Disk *1, Optical Sensor*1, Power Adapter*1, Printhead plates（varies on models, see model list below）Optional: Encoder, Beacon, Anti-shock module

PRINTING FEATURES

GRAY LEVEL	4 Levels: 25%, 50%, 75% ,100%
MESSAGE COMPONENTS	Text, Numbers, Images, Logo, Barcodes, Dates, Counter, Database, Dynamic Data etc.
IMAGE FORMAT	JPG, JPEG, PNG, BMP
2D CODE FORMATS	QR, DM, PDF417, GM, GS1DM, GS1QR, TCPDF417, MAXICODE, MCPDF417
BARCODE FORMATS	Code39, Code128, Code128B, EAN8/13, UPCA, UPCE, INT(2of5), ITF14, Code 93, EAN128, GS1-EAN128, GS1-Truncated, GS1RS144, GS1RS144Limit, GS1RSS14EX, GS1-Stacked, GS1-StackedOmni, GS1-StackedEx, Matrix 2of5, Industrial 2of5, IATA 2of5, Datalogic 2of5, Interleaved 2of5
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)
INK CARTRIDGES	Water-based Color options: Black, Cyan, Magenta, Yellow, Green Solvent-based Color options: Black, Cyan, Magenta, Yellow, White, Green
RESOLUTION	X-direction DPI: 75/100/150/200/300/600/1200　　Y-direction DPI: 300/600 (0.5" cartridges) X-direction DPI: 75/100/150/200/300/600/1200　　Y-direction DPI: 300 (1" cartridges)
MAX PRINT HEIGHT	12.7mm (1-5 Lines)/25.4mm (1-10 Lines)/50mm (1-20 Lines)/100mm (1-40 Lines)
MAX PRINT LENGTH	2100mm
MAX PRINT SPEED	0.5" Printhead: 30m/minute@600dpi　60m/minute@300dpi　120m/minute@75dpi 1" Printhead: 15m/minute@300dpi　　30m/minute@75dpi

PRODUCT MODELS

MODEL NAME	E62P-1	E62P-2	E64P-4
PRINTHEAD PLATES	12.7mm Single-Plate*1 25.4mm Single-Plate*1	12.7mm Single-Plate*2 12.7mm Dual-Plate*1 25.4mm Single-Plate*2 25.4mm Dual-Plate*1	12.7mm Single-Plate*4, 12.7mm Dual-Plate*2 12.7mm Quad-Plate*1 25.4mm Single-Plate*4 25.4mm Dual-Plate*2 25.4mm Quad-Plate*1
GROSS WEIGHT	5.79kg	7.85kg	12.34kg
PACKAGING SIZE	Carton 1: 465mm*172mm*365mm	Carton 1: 470mm*172mm*365mm Carton 2: 360mm*100mm*240mm	Carton 1: 470mm*172mm*365mm Carton 2/3/4: 360mm*100mm*240mm*3

BENTSAI
INKJET CODING SOLUTIONS

Industrial InkJet Coding Printers

IP66 water and dust proof,
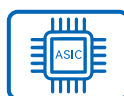## robust design for tough environments

E62WP Series

Scan for video

1" Alternating jets, upto 196 m/min high speed printing

ASIC One customer one code, exclusive ASIC encryption chip

One-click for the ink cost

Dedicated PC software, controlls max 20 printers

Supports external scanner and weight checker

Upgraded user interface for easy operation

PRINTER SYSTEM

|	
DISPLAY	7" HD Touch Screen
OPERATION SYSTEM	LINUX System
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	8G
STATUS ALARM	Green: Ready Blue: Printing Red: Alarm
WORKING ENVIRONMENT	Storage: 0-45℃ Working: 5-35℃ Humidity: 10%-80%
EXTERNAL POWER ADAPTER	IN: 100-240V / OUT: DV24V 4A
I/O PORTS	Controller: Ethernet*1, USB A*1, USB*1, Printhead*2, Sensor*1, Encoder(synch wheel)*1, Expansion box*2, Expansion box: RS 232*1 , RS 485*1, Beacon*1
ACCESSORIES	Standard: Fiber Optical Sensor*1, Expansion Box*1, Expansion box Y cable*1, Printhead cable*1 Optional: Encoder(Synch wheel), Anti-shock module, Rotation module, Beacon

PRINTING FEATURES

TECHNOLOGY	Thermal Inkjet Printing Technology
INK THROW DISTANCE	2mm-5mm (Distance between nozzle plate and print object)
CONDING & MARKING TYPE	Static: Text, Image Dynamic: Counter, Lot, String, Shiftcode, Time, Date, Database
2D CODE FORMATS	QR, DM, PDF417, GM, GS1DM, GS1QR, TCPDF417, MAXICODE, MCPDF417
BARCODE FORMATS	Code39, Code128, Code128B, EAN8/13, UPCA, UPCE, INT(2of5), ITF14, Code 93, EAN128, GS1-EAN128, GS1-Truncated, GS1RS144, GS1RS144Limit, GS1RSS14EX, GS1-Stacked, GS1-StackedOmni, GS1-StackedEx, Matrix 2of5, Industrial 2of5, IATA 2of5, Datalogic 2of5, Interleaved 2of5
IMAGE FORMAT	JPG, JPEG, PNG, BMP
FONTS	True type fonts, Dot-Matrix fonts
PRINTABLE MATERIALS	Porous, Semi-porous and Non Porous
RESOLUTION	X-direction DPI: 75/100/150/200/300/600/1200; Y-direction DPI: 300/600
MAX PRINT HEIGHT	Single head: 12.7mm/0.5" (1-5 Lines) ; 25.4mm/1" (1-10 Lines) Stitch: 25.4mm/1"(1-10 Lines) ; 50.4mm/2" (1-20 Lines)
MAX PRINT LENGTH	2100mm
MAX PRINT SPEED	0.5" Printhead: 30m/minute@600dpi 60m/minute@300dpi 196m/minute@75dpi 1" Printhead: 15m/minute@300dpi 30m/minute@75dpi
INK CARTRIDGES	Water-based Color options: Black, Cyan, Magenta, Yellow, Green Solvent-based Color options: Black, Cyan, Magenta, Yellow, White, Green

PRODUCT MODELS

MODEL NAME	E62WP-2
PRINTHEAD PLATES	12.7mm Single-Plate*2 12.7mm Dual-Plate*1 25.4mm Single-Plate*2 25.4mm Dual-Plate*1
CONTROLLER DIMENSION	296mm*142mm*67mm
EXPANSION BOX DIMENSION	130mm*103mm*40mm
PRINTHEAD DIMENSION	193mm*80.5mm*31.5mm
OPTIONAL CABLE LENGTH	Standard 1m, Optional 2, 3, 5 meters
PACKAGING WEIGHT	15.5kg
PACKAGING SIZE	550mm*460mm*450mm

Accessories for Industrial inline printers

Single side single bracket
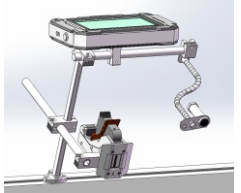
Used for single and dual print head printers

Single side double brackets
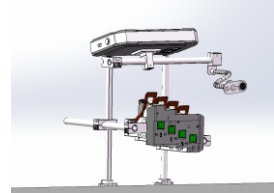
Used for printers with 4 print heads or more

Double sides Double brackets
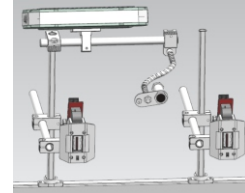
Used for seperated dual head printer

Single side Multi-heads bracket
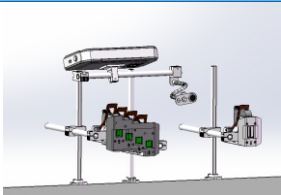
Used for seperated multi-heads printer

High-precision fine-tuning module
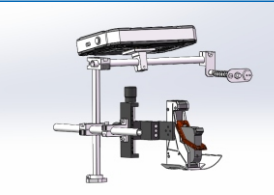
Used for high-precision adjustment of printing distance

Swivel bracket
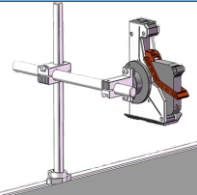
To realize the horizontal and vertical rotation of the print head

Anti-shock plate
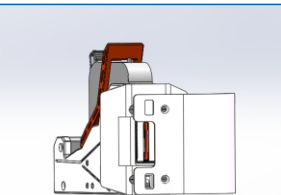
Suitable for printing on various irregular items

Rebound Module
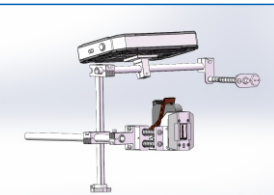
Rebound stroke of 20mm, suitable for printing on large items

Conveyor

Encoder

External Optical Sensor

Beacon

Mini Handheld InkJet Printer
Most Compact Inkjet Coding Printer

B10 Mini Printer

MFG:2022/10/22 10:18
EXP:2023/04/21
S/N:202210220798

MFG:2022/10/22 10:18
EXP:2023/04/21
S/N:202210220798

Bentsai Printer

Scan for video

12.7 mm

406mm max

BENTSAI
2023/10/12

BENTSAI
2023/10/12

PRINTER SYSTEM

|	
APP	Android/IOS
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	128M
STATUS ALARM	Green: Ready | Blue: Printing | Red: Alarm
WORKING ENVIRONMENT	Storage: 0℃-45℃ | Working: 5℃-35℃ | Humidity: 10%-80%
APPLICATION MODE	HANDHELD
I/O PORTS	USB-C 5V-1A
EXTERNAL POWER ADAPTER	IN: 100-240V / OUT: DV5V 1A

PRINTING FEATURES

TECHNOLOGY	Thermal Inkjet Printing Technology
MESSAGE COMPONENTS	Text, Numbers, Images, Logo, Barcodes, Dates, Counter, Database, Dynamic Data etc.
2D CODE FORMATS	QR
BARCODE FORMATS	Code128, Code39, EAN8, EAN13, UPCA, ITF(2of5)
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	1-5
INK CARTRIDGES	Solvent-based Color options: Black, Cyan, Magenta, Yellow, White, Green, Invisible
MAX PRINT HEIGHT	2.5mm-12.7mm (1-5 Lines)
MAX PRINT LENGTH	406mm
MAX PRINT SIZE	200px*4800px
MAX PRINT SPEED	30m/min

PRODUCT MODELS

PRODUCT NAME	B10
PRINTHEAD	12.7mm/0.5 "
OPERATING MODE	Handheld mode only
DIMENSION	110mm*90mm*40mm
WEIGHT	195g
PACKAGING	220mm*127mm*51.5mm | 530g

BENTSAI
INKJET CODING SOLUTIONS
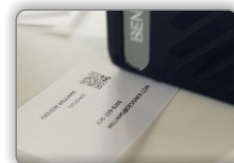
Single Head InkJet Coding Printers

Smooth, Reliable Coding and Ultra-Long Working Time

BT-HH6205 /6210 Series

12.7mm 25.4mm
1-5Line 1-10Line

Scan for video

Lightweight
Weighs 410g for flexible coding.

Stable Printing
Detachable assistant roller for more stable printing.

Dual Coding
Mobile and production line use.

Long Battery Life
Detachable battery lasts up to 16 hours.

PRINTER SYSTEM

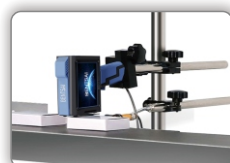|	
DISPLAY	4.3" HD Touch Screen
OPERATION SYSTEM	FREERTOS System
SYSTEM LANGUAGES	English/German/French/Italian/Spanish/Portuguese/Slovenian/Serbo-Croatian/Czech/Bulgarian/ Romanian/Polish/Greek/Hungarian/Russian/Ukrainian/Slovak/Arabic/Persian/Turkish/Chinese/ Traditional-Chinese/Japanese/Korean/Hindi/Thai/Vietnamese/Indonesian/Burmese/ Hebrew (Available languages vary for different regions)
EMBEDDED MEMORY	128M
STATUS ALARM	Green: Ready | Blue: Printing | Red: Alarm
BATTERY	2600mAh #18650 lithium ion batteries x 2 | Operating time up to 16 hours
WORKING ENVIRONMENT	Storage: -20℃-55℃ | Working: 5℃-35℃ | Humidity: 10%-80%
APPLICATION MODE	HANDHELD INLINE
POWER PORTS	USB-C 5V/2A Battery Charging DC 9V/2A Battery Charging / Power Supply
I/O PORTS	USB-A USB-A, Sensor Port
EXTERNAL POWER ADAPTER	—— IN: AC 100-240V / OUT: DC 9V 2A
ACCESSORIES	Ink Cartridge *1, U-Disk *1, Detachable Auxiliary Roller *1, Positioning Plate *1 USB Charging Cable *1 Ink Cartridge *1, U-Disk *1, Detachable Auxiliary Roller *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), UPCE, 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	1-5
INK CARTRIDGES COLORS	Water-based Color options: Black, Cyan, Magenta, Yellow, Green Solvent-based Color options: Black, Cyan, Magenta, Yellow, White, Green, Invisible
MAX PRINT SIZE	150px*4800px
PRINT HEIGHT	2.5mm-12.7mm (1-5 Lines) 2.5mm-25.4mm (1-10 Lines)
RESOLUTION	600 / 300 dpi 300 dpi
MAX PRINT SIZE	12.7mm * 406mm 25.4mm * 406mm
MAX PRINT SPEED	30m / min 15m / min

PRODUCT MODELS

MODEL NAME	HH6205B	HH6205BL	HH6210B	HH6210BL
PRINTHEAD	12.7mm/0.5 "	12.7mm/0.5 "	25.4mm/1 "	25.4mm/1 "
OPERATING MODE	Handheld mode only	Handheld / Inline mode	Handheld mode only	Handheld / Inline mode
DIMENSION	208mm*113mm*45mm		208mm*133mm*45mm	
WEIGHT	410g		420g	
PACKAGING	275mm*115mm*250mm | 1750g		275mm*115mm*250mm | 1760g	

Handheld InkJet Coding Printers

Classic handheld Inkjet Printer

BT-HH6105 F

Scan for video

Humanized Design for Intuitive Operation

Flexible Positioning Plate for Small/Uneven Surfaces

Support Database Import, Barcode, GS1 Code, and Date Printing.

Dual Modes: Handheld/ Conveyor (Up to 30m/min @ 300dpi)

PRINTER SYSTEM

DISPLAY	4.3" HD Touch Screen
OPERATION SYSTEM	LINUX System
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	128M
STATUS ALARM	Green: Ready | Blue: Printing | Red: Alarm
BATTERY	2600mAh #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/2A Battery Charging
I/O PORTS	USB-A
EXTERNAL POWER ADAPTER	——
ACCESSORIES	Ink Cartridge *1, 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, Invisible
PRINT HEIGHT	2.5mm-12.7mm (1-5 Lines)
RESOLUTION	600 / 300 dpi
MAX PRINT SIZE	12.7mm * 406mm
MAX PRINT SIZE	150px*4800px
MAX PRINT SPEED	30m / min (fastest at 300 dpi)

PRODUCT MODELS

MODEL NAME	HH6105 F
PRINTHEAD	12.7mm/0.5 "
OPERATING MODE	Handheld /Inline
DIMENSION	217mm*138mm*54mm
WEIGHT	450g
PACKAGING	275mm*115mm*250mm | 2110g

2" Dual Head InkJet Coding Printer

Prints height up to 2 inches/50mm and 20 lines max

B40 Series

Scan for video
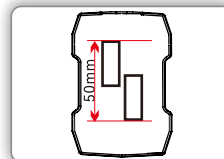
Up to 50mm print height
Two stitched printheads, up to 20 lines.

Compact design
Weighs 860g, flexible and smooth coding.

Inline Conveyor Coding Option

User-friendly
5" HD touchscreen, intuitive software.

PRINTER SYSTEM

DISPLAY	5" HD Touch Screen
OPERATION SYSTEM	LINUX System
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
EXTERNAL POWER ADAPTER	IN: AC 100-240V / OUT: DC 9V 5A
I/O PORTS	USB-A, USB-C, Power port, Sensor port, Beacon port, Encoder port
ACCESSORIES	Ink Cartridge *2, U-Disk *1, Detachable Auxiliary Roller *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-46mm (1-20 Lines)
RESOLUTION	300 dpi
MAX PRINT SIZE	46mm * 2100mm
MAX PRINT SIZE	566px*12800px
MAX PRINT SPEED	15m / min

PRODUCT MODELS

MODEL NAME	B40 (Supports water-based cartridges only) /B45(supports both water- / solvent- based cartridges)
PRINTHEAD	50mm/2 " (25.4mm*2)
OPERATING MODE	Handheld / Inline mode
DIMENSION	220mm*110mm*75mm
WEIGHT	860g
PACKAGING	377mm*177mm*239mm | 3500g

BENTSAI
INKJET CODING SOLUTIONS

Wide Format InkJet Coding Printer
Printable Character height up to 100mm (4") max!

B80 Series

BENTSAI
100MM Printhead Height

Scan for video

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 System
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
EXTERNAL POWER ADAPTER	IN: AC 100-240V / OUT: DC 9V 5A
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, EAN13, 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	92mm * 2100mm
MAX PRINT SIZE	566px*12800px
MAX PRINT SPEED	15m / 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 mode
DIMENSION	239mm*182mm*117mm
WEIGHT	1240g
PACKAGING	377mm*177mm*239mm ｜3930g

BENTSAI
INKJET CODING SOLUTIONS

Handheld InkJet Stamp Printer

Larger screen, larger memory, more efficient stamp printer

B71/B71X Series

4.3-inch touch screen, modular design

Easy input, quick editing via a simple UI.

Precision with 600dpi resolution

Motorized guide rail for fast, accurate sliding printing.

Optional scanner module

Scans 2D codes/barcodes for instant printing.

Two Printer models: 0.5"/1"

Printing up to 85mm x 25.4mm (50mm QR with a fixture) for pallent coding.

PRINTER SYSTEM

DISPLAY	4.3" HD Touch Screen
OPERATION SYSTEM	FREERTOS System
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	1G
BATTERY	3000mAh | Operating time up to 8 hours
WORKING ENVIRONMENT	Storage: -20℃-55℃ | Working: 5℃-35℃ | Humidity: 10%-80%
MOTOR TYPE	Stepper motor
I/O PORTS	USB-A*2, USB-C*1, Power Port
APPLICATION MODE	HANDHELD
POWER PORTS	DC 9V/2A
EXTERNAL POWER ADAPTER	IN: AC 100-240V / OUT: DC 9V 2A
ACCESSORIES	Ink Cartridge *1, U-Disk *1, AC/DC Power Adaptor *1

PRINTING FEATURES

TECHNOLOGY	Thermal Inkjet Printing Technology
CODING & MARKING TYPE	Text, Logo, 2D codes, Barcodes, Dates, Database and etc.
IMAGE FORMATS	JPG, PNG, BMP
BARCODE FORMATS	Code128, Code39, EAN8, EAN13, UPCA, UPCE, 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.
PRINT WIDE	2mm-85mm (Adjustable)
INK THROW DISTANCE	2mm-5mm (Distance between nozzle plate and print object)
PRINT HEIGHT	2.5mm-12.7mm (1-5 Lines) /2.5mm-25.4mm (1-10 Lines)
RESOLUTION	300 / 600 dpi
MAX PRINT SIZE	0.5": 12.7mm*85mm | 1": 25.4mm*85*mm
GRAY LEVEL OPTIONS	1-5
MAX PRINT SPEED	100mm/s
INK CARTRIDGES COLORS	Water-based Color options: Black, Cyan, Magenta, Yellow, Green
	Solvent-based Color options: Black, Cyan, Magenta, Yellow, White, Green, Invisible

PRODUCT MODELS

MODEL NAME	B71	B71X
PRINTHEAD	12.7mm/0.5 "	25.4mm/1 "
OPERATING MODE	HANDHELD	
DIMENSION	218mm*98mm*200mm	
WEIGHT	950g	
PACKAGING	365mm*267mm*350mm | 3010g	

Tabletop InkJet Coding Printer

Semi-automatic inkjet printer capable of coding on curved and small objects

BENTSAI
INKJET CODING SOLUTIONS

B51/B51X Series

5.5-inch touch screen
Intuitive UI, modular design, easy editing.

Curved Surface Coding
Adjustable tray for irregular shapes like bottle caps and tubes.

High-Resolution Printing
600 dpi precision with motorized guide rail.

Two Trigger Options
Manual and foot pedal modes for semi-automated printing.

PRINTER SYSTEM

DISPLAY	5.5" HD Touch Screen
OPERATION SYSTEM	LINUX System
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	8G
WORKING ENVIRONMENT	Storage: -20℃-55℃　　|　　Working: 5℃-35℃　　|　　Humidity: 10%-80%
MOTOR TYPE	Stepper motor
I/O PORTS	USB-A*2, USB-C*1, Power Port, Foot pedal
APPLICATION MODE	Tabletop
POWER PORTS	DC 24V/2A
ACCESSORIES	Ink Cartridge *1, U-Disk *1, AC/DC Power Adaptor *1, Foot pedal *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, PNG, BMP
BARCODE FORMATS	Code128, Code128B, Code39, EAN8, EAN13, UPCA, UPCE, EAN128, INT25, ITF14, Code93, GS1RSS14, GS1EAN128, GS1-Truncated, GS1RSS14Limit, GS1RSS14EX, GS1-Stacked, GS1-StackedOmni, GS1-StackedEx, Code 2 of 5 variants: (Code 25)Matrix 2 of 5, Industrial 2 of 5, IATA 2 of 5, Datalogic 2 of 5, Interleaved 2 of 5
2D CODE FORMATS	QR Code Support GS1, Data Matrix Support GS1, Grid Matrix, Maxicode, PDF417, Truncated PDF417, Micro PDF417, 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.
PRINT WIDTH	2mm-120mm (Adjustable)
INK THROW DISTANCE	2mm-5mm (Distance between nozzle plate and print object)
PRINTHEAD PROTRUDING	0mm-5mm
PRINT HEIGHT	2.5mm-12.7mm (1-5 Lines) /2.5mm-25.4mm (1-10 Lines)
RESOLUTION	300 / 600 dpi
MAX PRINT SIZE	0.5": 12.7mm*120mm　|　1": 25.4mm*120*mm
GRAY LEVEL OPTIONS	1-10
MAX PRINT SPEED	100mm/s
INK CARTRIDGES COLORS	Water-based Color options: Black, Cyan, Magenta, Yellow, Green Solvent-based Color options: Black, Cyan, Magenta, Yellow, White, Green, Invisible

PRODUCT MODELS

MODEL NAME	B51	| B51X
PRINTHEAD	12.7mm/0.5 "	| 25.4mm/1 "
OPERATING MODE	Foot pedal/Button	
DIMENSION	248mm*156mm*196mm	
WEIGHT	3350g (Without Tray)	

BENTSAI
INKJET CODING SOLUTIONS

Handheld InkJet Sign Printer for the Power Industry

The efficient digital printing solution for utility poles

**5" Touchscreen
Easy and Quick Input**

Capable of printing text, symbols, signs, QR codes, and serial numbers.

**Color Printing Supported
Easy switching**

Simply replace the cartridge to switch colors. No time-consuming cleaning required.

Flexible & Adjustable Pole Rail

Specially designed rail for utility poles ensures smooth and quick printing.

Features & Advantages

Independent printhead, easy to clean, simple maintenance.

Quick and instant on-site printing, cost-saving.

Portable, print anytime and anywhere, suitable for outdoor use.

Patented guide rail for smooth printing on cylindrical utility poles.

Template printing, easy input and edit.

High-resolution output, capable of printing QR code signs.

Specially formulated inks, weather-resistant, not easy to fade.
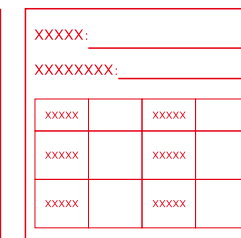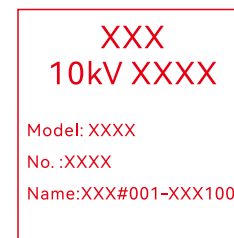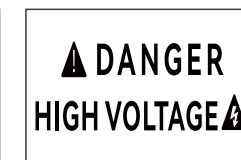
Multiple color cartridges can be flexibly and quickly replaced.

Applications

Electrical hazard, no climbing

XXX
10kV
X
X
X
X
#
1

Strong
Electric Well

⚠ DANGER
HIGH VOLTAGE ⚠

XXX
10kV XXXX

Model: XXXX
No. :XXXX
Name:XXX#001-XXX100

XXXXX:_____
XXXXXXXX:_____

XXXXX	XXXXX
XXXXX	XXXXX
XXXXX	XXXXX

⚠ DANGER
HIGH VOLTAGE ⚠

Applications

Pharmaceutical

Electronics

Pipes

Wooden pallets

Foods

Case Coding

Applications

BENTSAI — INKJET CODING SOLUTIONS
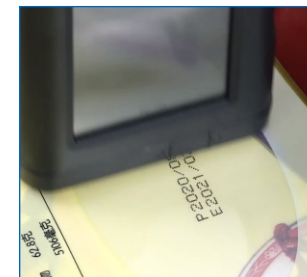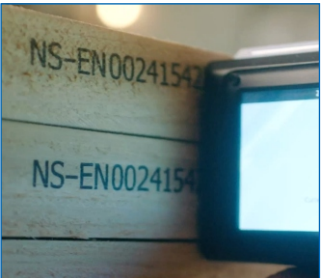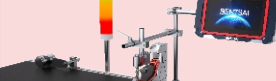
Page 43 — Half inch (12.7mm) / One inch (25.4mm) General inkjet printers

Specifications	Half inch (12.7mm) — Mini — B10	Half inch (12.7mm) — 6205 series — BT-HH6205 B	Half inch (12.7mm) — 6205 series — BT-HH6205 BL	One inch (25.4mm) — 6210 series — BT-HH6210 B	One inch (25.4mm) — 6210 series — BT-HH6210BL
Product and Packaging size					
Product Length (mm)	110	204	204	204	204
Product Width (mm)	90	126	126	139	139
Product Height (mm)	40	41	41	41	41
Packaging Size (mm)	220*130*50mm	253*189*72mm	282*250*120mm	280*250*120mm	280*250*120mm
Net Weight (g)	192	420	420	435	435
Package Weight (g)	530	720	1980	1980	1990
Hardware					
Touch Screen (4.3 inch)	—	●	●	●	●
Memory	128M	128M	128M	128M	128M
Voltage Output V/A	DC5V-1A	DC5V-2A	DC9V-2A	DC5V-2A	DC9V-5A
Power Rate (W)	5	16	16	18	18
Battery (mA)	500	2600	2600	2600	2600
Standby time with screen off (H)	●	≥16	≥16	≥16	≥16
Charging Time (H)	2				
Network					
USB Interface	—	●	●	●	●
Power (DC5*2.5)				●	
Power (Type-c)	●	●		●	
Inline Mode (sensor)			●		●
PC	—	—	—	—	—
Network Interface	—	—	—	—	—
Wi-Fi	●	—	—	—	—
Bluetooth	—	—	—	—	—
Working Mode					
Handheld Mode	●	●	●	●	●
Continous Mode	●	●	●	●	●
Inline Mode (sensor)			●		●
Printing					
Ink throw distance (mm)	2mm–5mm (distance between nozzle plate and object)				
Resolution	300DPI	300/600DPI	300/600DPI	300DPI	300DPI
Grey Level	1–5	1–5	1–5	1–5	1–5
Max Print Speed (mm/min)	30	30	30	15	15
Print Head Height (mm)	12.7	12.7	12.7	25.4	25.4
Max Length (mm)	406				
Functions					
Text, Time, Date, Serial	●	●	●	●	●
Barcode	●	●	●	●	●
QR Code	●	●	●	●	●
Picture Import	●	●	●	●	●
Variable Data Print	●	●	●	●	●
Date Export		●	●	●	●
Group Printing	●	●	●	●	
Others					
System Fonts Type	15 (font package)	20 (external USB)			
Languages	Available languages vary for different regions and countries				
Cartridges					
12.7mm water based	●	●	●		
12.7mm Solvent based	●	●	●		
25.4mm water based				●	●
25.4mm Solvent based				●	●
Cartridge Stitch					

Page 44 — Two inches / Four inches / Industrial inkjet printers

Specifications	Two inches (50mm) Professional inkjet printer — B40	B45	Four inches (100mm) Professional wideformat printer — B80	B85	Industrial inkjet printer (MAX50mm/100mm) High resolution industrial printer — 0.5"/1" single head — E61P	E62P/E64P	E62WP
Product and Packaging size							
Product Length (mm)	220	220	239	239	155	—	—
Product Width (mm)	110	110	182	182	61	—	—
Product Height (mm)	75	75	177	177	115	—	—
Packaging Size (mm)	—	—	377*177*239mm+691*70*51mm		365*267*135mm	470*172*365mm+360*100*240mm	550*460*310mm
Net Weight (g)	900	900	1240	1240	460	—	—
Package Weight (g)	—	—	5168	5168	2520g	5790g/7850g/12340g	
Hardware							
Touch Screen (4.3 inch)	5 "	5 "	5 "	5 "	4.3 "	7 "	
Memory	4G	4G	4G	4G	128M	8G	
Voltage Output V/A	DC 9V-5A	DC 9V-5A	DC9V-5A	DC9V-5A	DC9V-2A	DC24V-4A	
Power Rate (W)	20	20	24	24	16	24	
Battery (mA)	6000	6000	6000	6000	—	—	
Standby time with screen off (H)	≥8H	≥8H	≥8H	≥8H	—	—	
Charging Time (H)	3	3	3	3	—	—	
Network							
USB Interface	●		●		●	●	
Power (DC5*2.5)	●	●	●	●	●	●	
Power (Type-c)					●		
Inline Mode (sensor)	●	●	●	●	●	●	
PC	—	—	—	—	—	●	
Network Interface	—	—	—	—	—	●	
Wi-Fi	—	—	—	—	—	◎Optional	
Bluetooth	—	—	—	—	—	◎Optional	
Working Mode							
Handheld Mode	●	●	●	●	—	—	
Continous Mode	●	●	●	●	●	●	
Inline Mode (sensor)	●	●	●	●	●	●	
Printing							
Ink throw distance (mm)	2mm–5mm (distance between nozzle plate and object)						
Resolution	300DPI	300DPI	300DPI	300DPI	X direction DPI:75/100/150/200/300/600/1200 Y direction DPI:300/600DPI		
Grey Level	1–10	1–10	1–10	1–10	1–10	20%, 50%, 75%, 100%	—
Max Print Speed (mm/min)	15	15	15	15	60	120/40	196
Print Head Height (mm)	50	50	100	100	12.7/25.4	12.7/25.4/50/100	12.7/25.4
Max Length (mm)	2100	2100	2100	2100	406	2100	2100
Functions							
Text, Time, Date, Serial	●	●	●	●	●	●	●
Barcode	●	●	●	●	●	●	●
QR Code	●	●	●	●	●	●	●
Picture Import	●	●	●	●	●	●	●
Variable Data Print	●	●	●	●	●	●	●
Date Export	●	●	●	●	●	●	●
Group Printing	●	●	●	●	●	●	●
Others							
System Fonts Type	20 (import)						
Languages	Available languages vary for different regions and countries						
Cartridges							
12.7mm water based					●	●	●
12.7mm Solvent based					●		
25.4mm water based	●	●	●	●	●	●	
25.4mm Solvent based					●	●	
Cartridge Stitch	●	●	●	●		●	●