

OUR CORE TECHNOLOGY YOUR GREAT FUTURE

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



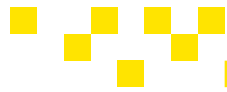
Catalog 2023/24

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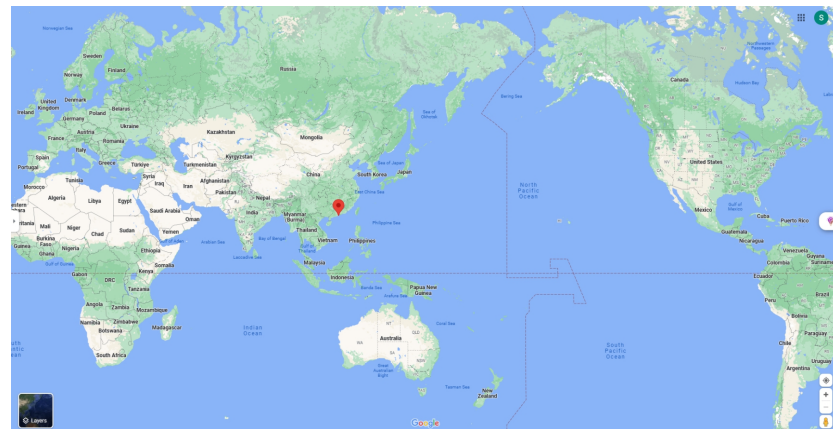


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ABOUT BENTSAI

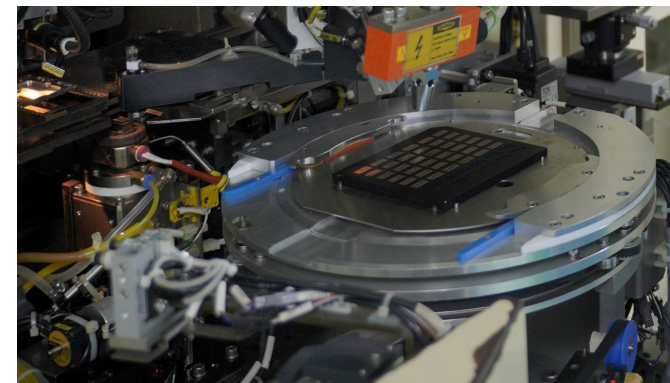
Originated from Taiwan, Created in China with Global Presence

Bentsai originates from Taiwan and is rooted in Zhuhai China with 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 of the packaging industry. Bentsai products cover two series of handheld and inline printers, providing industrial users with flexible, cost-effective and easy-to-maintain product identification and traceability solutions.



In-house production of print heads, core component manufacturing capability

Bentsai is a pioneering company in Mainland China that specializes in developing and producing thermal inkjet printing heads using advanced microfluidic MEMS technology. These printing heads are essential components of inkjet printers. We are proud to be the first company in China to achieve mass production of thermal print head chips, positioning us at the forefront of industry innovation.



Indepth product integration and customization capabilities

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

The team driven by passion for the Coding and marking Industry

Situated in Zhuhai, the global hub for printing equipments, 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 both product innovation and customer satisfaction. Our ultimate objective is to establish a renowned global brand of inkjet coding printers and make valuable contributions to the expansion of the packaging industry.

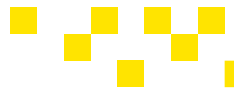


Our Team



Industry Shows

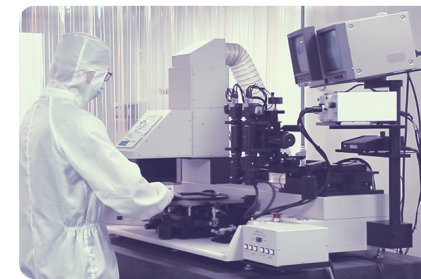




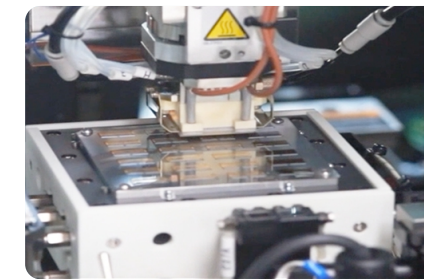
Production Line for Print Heads

(The first TIJ print head production line in mainland China.)

- The first mass-production line for TIJ thermal inkjet print head in China.
- Capable of manufacturing & customizing inkjet print heads.
- Year production capacity reaches 3 million pcs print heads.
- Equipped with high-precision & advanced manufacturing equipment.
- Thousand-level dust-free production workshop.
- R&D Center in Zhuhai and Taiwan.



Photolithography



Prebond



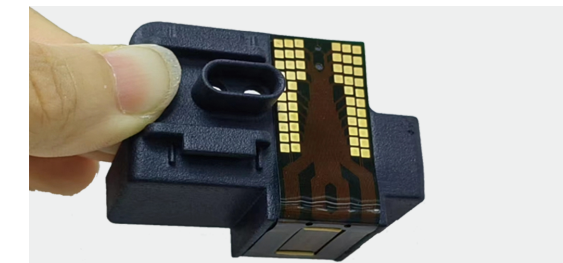
TAB

New Print Head Customization

The B127 print head is compatible with 45 series ink cartridge, which achieved mass production and sales. Custom development solutions available for TIJ print heads and ink cartridges.



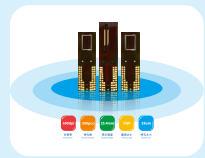
Thermal inkjet print head/inkjet printer customization



TIJ inkjet cartridge customization



Key advantages



Print Head
Manufacturing



Coding Printer
Software & Hardware
Integration



Ink Formulation
& Filling



Private
Encryption Chips



Innovative
& Patented



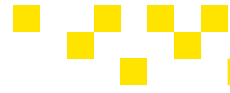
Global Brand
Presence

AWARDS



ISO 9001/14001 certified





Mini Handheled 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



Product Model	B10
Printing Technology	Thermal Inkjet(TIJ)
Ink Throw Distance	2-5mm(Distance between nozzle plate and print object)
Print Height	2.5mm-12.7mm
Optional Ink Cartridges	Solvent Based (42ml) Black,Cyan,Magenta,Yellow,White, Green,Security
APP	Android/iOS (Download on GoogleplaylApple App Store)
Operation System	Linux based
System Language	Chinese/English/German/Arabic/Spanish/Russian/Japanese/Korean/Italian/Portuguese/French/Hindi/Thai/Vietnamese/Persian/Turkish/Chinese Traditional/Indonesian/Slovenian/Serbo-Croatian/Czech/Bulgarian/Romanian/Polish/Greek/Hungarian/Ukrainian/Slovak/Burmese (Avaialbe languages vary for different regions)
Status Alarm	Green: Ready Blue: Printing Red: Alarm
Print Applications	Text, Numbers, Images, Logos, 2Dcodes, Barcodes, Dates, Counter, Database etc.
Printabel Material	Waterbased inks for Porous and semi porous substrates: Paper/Corrugated box/Wooden/Fiberboard/Cotton etc. Solvent based inks for semi porous and non porous substrates: Plastic/Glass/Metal plates/Alu foils/Cables etc.
Barcode Type	Code128, Code39, EAN8, EAN13, UPCA, ITF(2of5)
2D code Type	QR
Font Type	True type fonts, Dotmatrix fonts
Resolution	300dpi
Print Speed	30m/min(max)
Grey level	1-5
Print Height	2.5mm-12.7mm
Max. Print Size	12.7*406mm
Max. Pixel Size	4800px*200px
Standby Time	2.5 Hours
Power Adapter	IN: AC100-240V OUT: 5V 1A-3A
Working Environment	Working Temperature: 5-35°C Storage Temperature: 0-45°C Relative Humidity:10%-80%
Net Weight	195g
Packaging Weight	530g
Product Dimension	110*90*40mm
Packaging Dimension	220*127*51.6mm



Handheld Inkjet Coding Printers

Perfect Solution for Labeling and Marking

BT-HH6105 Series



Intuitive Operation

Intuitive UI design for easy operation. 4.3 Inch touch screen, sensitive and smooth to use. Allowing effortlessly find and preview the selected imprint before it is printed.



Positioning Plate

For small printing area or uneven surface which has no enough space to place the printer locate auxiliary roller, use the positioning plate as the assistance for fast and accurate print outputs.



Production Conveyor Adaptable

Other than handheld mode, you could choose photoelectric mode for automatic continuously printing. With maximum printing speed up to 60m/min at 300 dpi. huge improvement for work efficiency.



One Item One Code

With the database input and output function, you could do batch input via database with varied and unique barcodes or QR codes to realize one item one code.

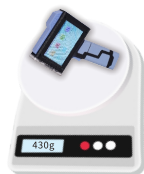
Product Model	BT-HH6105B1 (water based ink cartridge only)	BT-HH6105B2 (Both water based and solvent based cartridges applicable)	BT-HH6105B3 (Both water based and solvent based cartridges applicable, support database import & export)
Printing Technology	Thermal Inkjet (TIJ)		
Ink Throw Distance	2-5mm (Distance between nozzle plate and print object)		
Print Height	2.5mm-12.7mm (1-5 lines)		
Optional Ink Cartridges	Water based (42ml*1): Black, Cyan, Magenta, Yellow Solvent Based (42ml*1): Black, Cyan, Magenta, Yellow, White, Green		
Operation System	Linux based		
System Language	Chinese/English/German/Arabic/Spanish/Russian/Japanese/Korean/Italian/Portuguese/French/Hindi/Thai/Vietnamese/Persian/Turkish/Chinese Traditional/Indonesian/Slovenian/Serbo-Croatian/Czech/Bulgarian/Romanian/Polish/Greek/Hungarian/Ukrainian/Slovak/Burmese (Available languages vary for different regions)		
Display	4.3" High Definition Touch Screen		
Status Alarm	Green: Ready Blue: Printing Red: Alarm		
Print Applications	Text, Numbers, Images, Logos, 2D codes, Barcodes, Dates, Counter, Database etc.		
Printable Material	Waterbased inks for Porous and semi porous substrates: Paper/Corrugated box/Wooden/Fiberboard/Cotton etc. Solvent based inks for semi porous and non porous substrates: Plastic/Glass/Metal plates/Alu foils/Cables etc.		
Barcode Type	Code128, Code39, EAN8, EAN13, UPCA, ITF(2of5)		
2D code Type	DataMatrix, QR		
Font Type	True type fonts, Dotmatrix fonts		
Resolution	300/600dpi		
Print Speed	60m/min (fastest at 300 dpi)		
Grey level	1-10		
Max. Print Size	12.7*406mm		
Max. Pixel Size	4800px*200px		
External Ports	USB-A, Power adapter, Photoelectric Sensor		
Battery	2600mAh		
Standby Time	≥8 hours (working when screen off)		
Power Adapter	Input: AC100-240V Output: DC9.3V-5A		
Working Environment	Working Temperature: 5-35°C Storage Temperature: 0-45°C Relative Humidity: 10%-80%		
Memory Size	128M		
Net Weight	450g		
Packaging Weight	2110g		
Product Dimension	217*138*54mm		
Packaging Dimension	275*115*250mm		
Conveyor Coding Supported	6105 B2/B3		

Single Head InkJet Coding Printers

Smooth, Reliable Coding and Ultra-Long Working Time

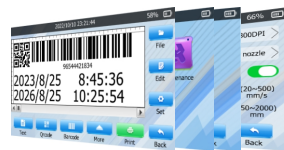


**BT-HH6205
/6210 Series**



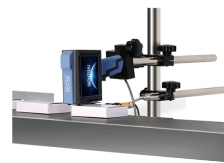
Lightweight and Compact size

Compact design, the whole machine weighs only 430g. Ultra flexible and smooth coding with built-in encoder design.



Optimized user interface, easy operation

Simple and intuitive user interface, fast to get started, no special training needed for usage.



Optional Manual and Inline auto coding

One printer for dual use. Take in hand for mobile coding and mount on production line for auto coding.



Detachable battery and up to 16 hours ultra long working

Removable and detachable battery inside. End users could replace the batteries conveniently.

Product Model	6205 Handheld Only 6205 handheld & Inline 6210Handheld Only 6210 handheld & Inline	
Printing Technology	Thermal Inkjet (TIJ)	
Ink Throw Distance	2-5mm(Distance between nozzle plate and print object)	
Print Height	0.8mm-12.7mm(1-5 lines)	0.8mm-25.4mm(1-10 lines)
Optional Ink Cartridges	Water based (42ml*1): Black,Cyan,Magenta,Yellow Solvent Based (42ml*1): Black,Cyan,Magenta,Yellow,White, Green	
Operation System	FreeRTOS system	
System Language	Chinese/English/German/Arabic/Spanish/Russian/Japanese/Korean/Italian/Portuguese/French/Hindi/Thai/Vietnamese/Persian/Turkish/Chinese Traditional/Indonesian/Slovenian/Serbo-Croatian/Czech/Bulgarian/Romanian/Polish/Greek/Hungarian/Ukrainian/Slovak/Burmese (Avaialbe languages vary for different regions)	
Display	4.3" High Definition Touch Screen	
Status Alarm	Green: Ready Blue: Printing Red: Alarm	
Print Applications	Text, Numbers, Images, Logos, 2Dcodes, Barcodes, Dates, Counter, Database etc.	
Printabel Material	Waterbased inks for Porous and semi porous substrates: Paper/Corrugated box/Wooden/Fiberboard/Cotton etc. Solvent based inks for semi porous and non porous substrates: Plastic/Glass/Metal plates/Alu foils/Cables etc.	
Barcode Type	Code128, Code39, EAN8, EAN13, UPCA, ITF(2of5), UPCE	
2D code Type	DataMatrix, QR	
Font Type	True type fonts, Dotmatrix fonts	
Resolution	300/600dpi	300dpi
Print Speed	30m/min(fastest at 300 dpi)	30m/min
Grey level	1-5	
Max. Print Size	12.7*406mm	25.4mm*406mm
Max. Pixel Size	4800px*200px	4800px*400px
External Ports	Handheld only: USB, Power adapte Handheld and Inline: USB, Power adapter and Photoelectric sensor	
Battery	2pcs 18650 lithium ion battery, 2600mAh each.Removable and Replaceble	
Standby Time	≥16 hours (working when screen off)	
Power Adapter	IN:AC100-240V,OUT: DC5V 2A(B),OUT: DC9.3V 2A(BL) IN:AC100-240V,OUT: DC5V 2A(6210B),OUT: DC9.3V 2A(6210BL)	
Working Environment	Working Temperature: 5-35°C Storage Temperature: 0-45°C Relative Humidity:10%-80%	
Memory Size	128M	
Net Weight	410g	420g
Packaging Weight	1750g(Aluminum case)	1760g(Aluminum case)
Product Dimension	1750g(Aluminum case)	
Packaging Dimension	275*115*250mm	

Handheld Inkjet Coding Printers

One inch/25.4mm max print height for large characters

B30 Series



B30 Series(B30/35)

Max Print Height
1"/25.4mm
1-10Lines

BENTSAI

Production date:December 12,2021 XXXwarehouse
Shelf life:3 years
Manufacturer:bentsai
Manufacturer:XXX
1 to 10 lines can be printed at a time



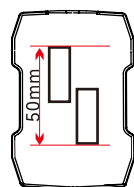
Product Model	B30 (water based ink cartridge only)	B35 (Both water based and solvent based cartridges applicable)
Printing Technology	Thermal Inkjet (TIJ)	
Ink Throw Distance	2-5mm(Distance between nozzle plate and print object)	
Print Height	2.5mm-25.4mm	
Optional Ink Cartridges	Water based (42ml*1): Black,Cyan,Magenta,Yellow Solvent Based (42ml*1): Black,Cyan,Magenta,Yellow,White, Green	
Operation System	Linux based	
System Language	Chinese/English/German/Arabic/Spanish/Russian/Japanese/Korean/Italian/Portuguese/French/Hindi/Thai/Vietnamese/Persian/Turkish/Chinese Traditional/Indonesian/Slovenian/Serbo-Croatian/Czech/Bulgarian/Romanian/Polish/Greek/Hungarian/Ukrainian/Slovak/Burmese (Avaialbe languages vary for different regions)	
Display	4.3" High Definition Touch Screen	
Status Alarm	Green: Ready Blue: Printing Red: Alarm	
Print Applications	Text, Numbers, Images, Logos, 2Dcodes, Barcodes, Dates, Counter, Database etc.	
Printabel Material	Waterbased inks for Porous and semi porous substrates: Paper/Corrugated box/Wooden/Fiberboard/Cotton etc. Solvent based inks for semi porous and non porous substrates: Plastic/Glass/Metal plates/Alu foils/Cables etc.	
Barcode Type	Code128, Code39, EAN8, EAN13, UPCA, ITF(2of5)	
2D code Type	DataMatrix, QR	
Font Type	True type fonts, Dotmatrix fonts	
Resolution	300dpi	
Print Speed	30m/min(solvent based cartridges)	
Grey level	1-10	
Max. Print Size	25.4*1000mm	
Max. Pixel Size	Max. 4800px*200px	
External Ports	USB-A, Power adapter, Photoelectric Sensor	
Battery	2600mAh	
Standby Time	≥8 hours (working when screen off)	
Power Adapter	Input: AC100-240V Output: DC9.3V-5A	
Working Environment	Working Temperature: 5-35°C Storage Temperature: 0-45°C Relative Humidity:10%-80%	
Memory Size	128M	
Net Weight	480g	
Packaging Weight	2130g	
Product Dimension	232*136*50mm	
Packaging Dimension	275*115*250mm	
Conveyor Coding Supported	B30, B35	

2" Dual Head InkJet Coding Printer

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



B40 Series



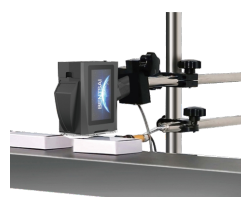
Upto 50mm print height with stitched heads

Two stitched print heads with print height up to 50 mm and max 20 lines.



Compact design, easy handling

Weighs 860g only, ultra flexible and smooth coding with built-in encoder design.



Optional Manual and Inline auto coding

One printer for dual use. Take in hand for mobile coding and mount on production line for auto coding.



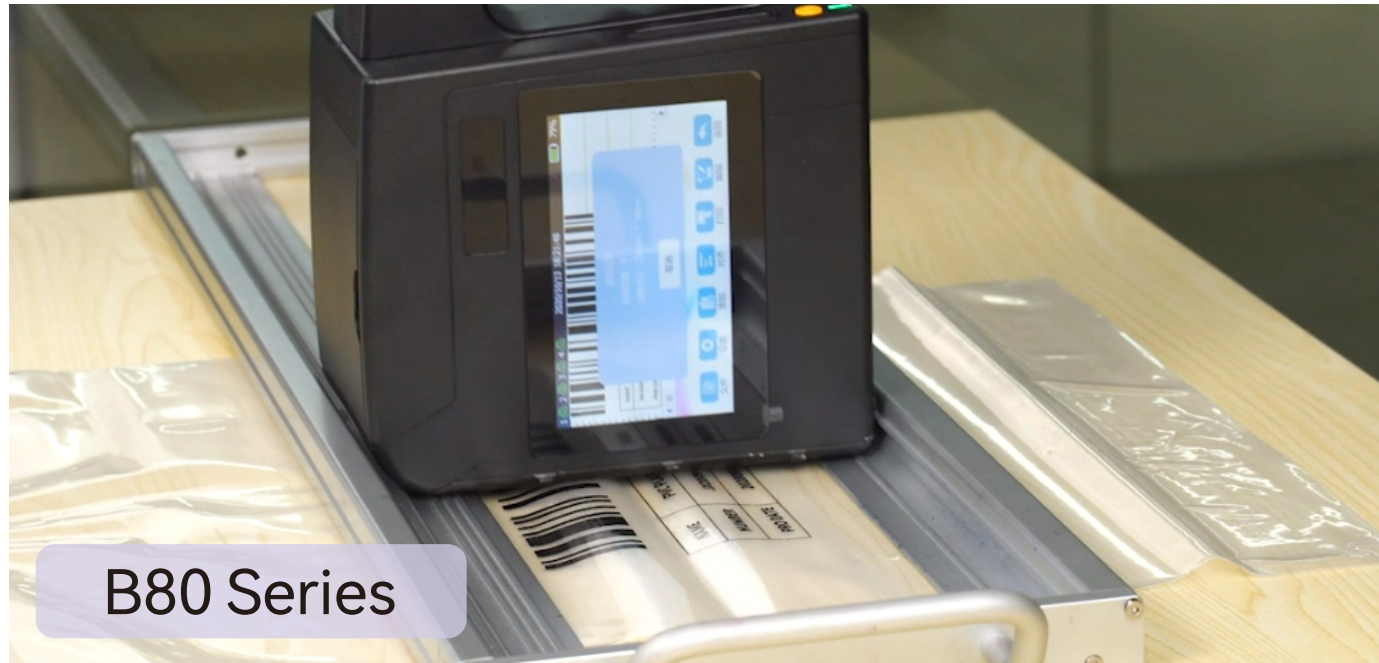
5"HD touchscreen with a simple and intuitive software

Simple and intuitive user interface fast to get started, no special training needed for usage.

Product Model	B40
Printing Technology	Thermal Inkjet (TIJ)
Ink Throw Distance	2-5mm(Distance between nozzle plate and print object)
Print Height	2.5mm-48mm(1-20 lines)
Optional Ink Cartridges	Water based (42ml*2): Black,Cyan,Magenta,Yellow Solvent Based (42ml*2): Black,Cyan,Magenta,Yellow,White, Green
Operation System	Linux based
System Language	Chinese/English/German/Arabic/Spanish/Russian/Japanese/Korean/Italian/Portuguese/French/Hindi/Thai/Vietnamese/Persian/Turkish/Chinese Traditional/Indonesian/Slovenian/Serbo-Croatian/Czech/Bulgarian/Romanian/Polish/Greek/Hungarian/Ukrainian/Slovak/Burmese (Avaialbe languages vary for different regions)
Display	5" High Definition Touch Screen
Status Alarm	Green: Ready Blue: Printing Red: Alarm
Print Applications	Text, Numbers, Images, Logos, 2Dcodes, Barcodes, Dates, Counter, Database etc.
Printabel Material	Waterbased inks for Porous and semi porous substrates: Paper/Corrugated box/Wooden/Fiberboard/Cotton etc. Solvent based inks for semi porous and non porous substrates: Plastic/Glass/Metal plates/Alu foils/Cables etc.
Barcode Type	Code128, Code39, EAN8, EAN13, UPCA, ITF(2of5)
2D code Type	DataMatrix, QR
Font Type	True type fonts, Dotmatrix fonts
Resolution	300dpi
Print Speed	60m/min
Grey level	1-10
Max. Print Size	50*2000mm
Max. Pixel Size	Standard 566px*12800px , Max 1000px*12800px
External Ports	USB-C, Power adapter, Photoelectric Sensor, Encoder, Beacon
Battery	18650 lithium ion battery, 6000mAh. Removable and Replaceable
Standby Time	≥8 hours (working when screen off)
Power Adapter	Input: AC100-240V Output: DC9.3V-5A
Working Environment	Working Temperature: 5-35°C Storage Temperature: 0-45°C Relative Humidity:10%-80%
Memory Size	4 Gigabytes
Net Weight	860g
Packaging Weight	3.5kg(Aluminum case)
Product Dimension	220*110*75mm
Packaging Dimension	377*177*239mm

Wide Format InkJet Coding Print

Printable Character height up to 100mm (4") max!



B80 Series

Industry's highest printable character size

Maximum character Height up to 4 inches/100 mm.Supports multi-lines print with adjustable printing height. Freely layout design. Supports Fonts Importation.

Variable Print Content, One Item One code

Text, date, number, counter, barcode, QR code, graphics, logos, with function of importing from database for varied and unique QR codes, bar codes, texts.

Print on both porous and non-porous substrates

Optional water-based ink and fast dry solvent ink. Printer with solvent ink could print on non-porous substrates.



Refillable ink Cartridge



4 Hours Continuous Printing



300 DPI resolution




4GB RAM

Product Model	B80(water based ink cartridge only) B85(Both water based and solvent based cartridges applicable)
Printing Technology	Thermal Inkjet (TIJ)
Ink Throw Distance	2-5mm(Distance between nozzle plate and print object)
Print Height	2.5mm-92mm (1-40 lines)
Optional Ink Cartridges	Water based (42ml*4): Black,Cyan,Magenta,Yellow Solvent Based (42ml*4): Black,Cyan,Magenta,Yellow,White, Green
Operation System	Linux based
System Language	Chinese/English/German/Arabic/Spanish/Russian/Japanese/Korean/Italian/Portuguese/French/Hindi/Thai/Vietnamese/Persian/Turkish/Chinese Traditional/Indonesian/Slovenian/Serbo-Croatian/Czech/Bulgarian/Romanian/Polish/Greek/Hungarian/Ukrainian/Slovak/Burmese (Avaialbe languages vary for different regions)
Display	5" High Definition Touch Screen
Status Alarm	Green: Ready Blue: Printing Red: Alarm
Print Applications	Text, Numbers, Images, Logos, 2Dcodes, Barcodes, Dates, Counter, Database etc.
Printabel Material	Waterbased inks for Porous and semi porous substrates: Paper/Corrugated box/Wooden/Fiberboard/Cotton etc. Solvent based inks for semi porous and non porous substrates: Plastic/Glass/Metal plates/Alu foils/Cables et.
Barcode Type	Code128, Code39, EAN8, EAN13, UPCA, ITF(2of5)
2D code Type	DataMatrix, QR
Font Type	True type fonts, Dotmatrix fonts
Resolution	300dpi
Print Speed	60m/min
Grey level	1-10
Max. Print Size	92*2000mm
Max. Pixel Size	Standard 566px*1280px(Max1000px*1280px)
External Ports	USB-A,USB-C, Power adapter, Photoelectric Sensor, Encoder, Beacon
Battery	6000mAh
Standby Time	≥8 hours (working when screen off)
Power Adapter	IN: AC100-240V OUT: DC9.3V-5A
Working Environment	Working Temperature: 5-35°C Storage Temperature: 0-45°C Relative Humidity:10%-80%
Memory Size	4 Gigabytes
Net Weight	1.24kg
Packaging Weight	3.96kg
Product Dimension	239*182*117mm
Packaging Dimension	377*177*239mm
Conveyor Coding Supported	B80/B85

Industrial InkJet Coding Printers

Free combination, supports upto 4 print heads

B6 Series

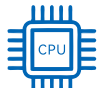
120m/min
high-speed printing



Intelligent interface,
easy and fast



Access management,
privacy protection



One-click generation
of Print cost



One customer one code,
exclusive encryption chip



Universal Master Control,
free combination

Product Model	B62(1 print head,1*12.7mm)/B62(2 print heads, 2*12.7 mm)/B64(4 print heads, 4*12.7 mm) B62X(1 print head,1*25.4mm)/B62X(2 print heads, 2*25.4 mm)/B64X(4 print heads, 4*25.4 mm)
Printing Technology	Thermal Inkjet (TIJ)
Ink Throw Distance	2-5mm(Distance between nozzle plate and print object)
Optional Ink Cartridges	Water based (42ml): Black,Cyan,Magenta,Yellow,Green Solvent Based (42ml): Black,Cyan,Magenta,Yellow,White, Green, Security
Operation System	Linux based
System Language	Chinese/English/German/Arabic/Spanish/Russian/Japanese/Korean/Italian/ Portuguese/French/Hindi/Thai/Vietnamese/Persian/Turkish/Chinese Traditional/ Indonesian/Slovenian/Serbo-Croatian/Czech/Bulgarian/Romanian/Polish/Greek/ Hungarian/Ukrainian/Slovak/Burmese (Avaialbe languages vary for different regions)
Display	7" High Definition Touch Screen
Status Alarm	Green: Ready Blue: Printing Red: Alarm
Print Applications	Text, Numbers, Images, Logos, 2Dcodes, Barcodes, Dates, Counter, Database etc.
Printabel Material	Waterbased inks for Porous and semi porous substrates: Paper/Corrugated box/ Wooden/Fiberboard/Cotton etc. Solvent based inks for semi porous and non porous substrates: Plastic/Glass/Metal plates/Alu foils/Cables etc.
Barcode Type	Code128, Code128B, Code39, EAN8, EAN13, UPCA, UPCE, EAN128, INT 2of5, ITF14, Code93, GS1RSS14, GS1EAN128, GS1-Truncated, GS1RS14Limit, GS1RSS14EX, GS1-Stacked, GS1-StackedOmni, GS1-StackedEx
2D code Type	DataMatrix,QR,GridMatrix,GS1DM, PDF417
Font Type	True type fonts, Dotmatrix fonts
Resolution	X direction DPI: 100/120/150/200/300/600 Y direction DPI: 300/600 X direction DPI: 100/120/150/200/300/600 Y direction DPI : 300
Print Speed	Up to 120m/minute, speed adjustable based on the horizontal resolution
Grey level	1-10
Max. Print Size	48mm*3200mm 96mm*3200mm
Max. Pixel Size	566px*12800px
External Ports	Ethernet, USB, Photocell, Encoder, Beacon, Power Adapter
Power Adapter	Input: AC100-240V Output: DC24V 4A
Working Environment	Working Temperature: 5-35°C Storage Temperature: 0-45°C Relative Humidity:10%-80%
Memory Size	8 Gigabytes
Net Weight	Single head 4.60kg, Dual Heads 5.25kg, Four-heads 6.730kg

Accessories for Handheld Printer



Conveyor



Sensor



Printer stand

Ink cartridge series



Half inch/12.7mm
water based ink cartridge



Half inch/12.7mm
solvent ink cartridge



One inch/25.4mm
water based ink cartridge

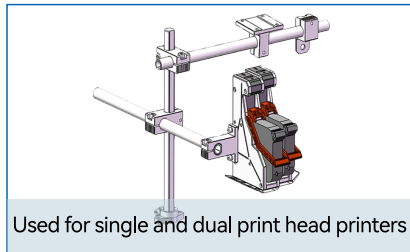


One inch/25.4mm
solvent ink cartridge



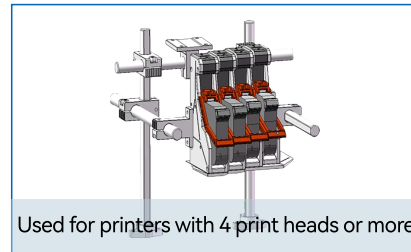
Accessories for Industrial inline printers

Single side bracket



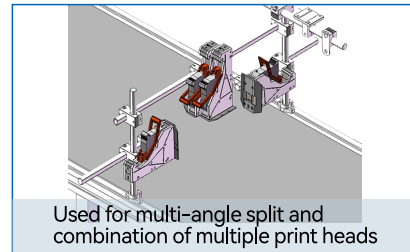
Used for single and dual print head printers

Double side bracket



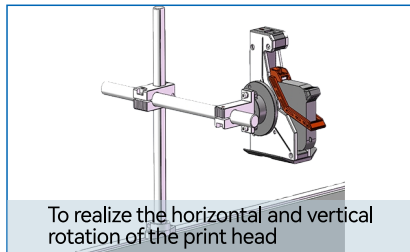
Used for printers with 4 print heads or more

Bridge bracket



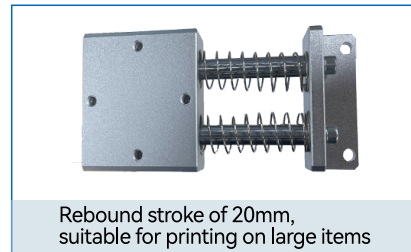
Used for multi-angle split and combination of multiple print heads

Swivel bracket



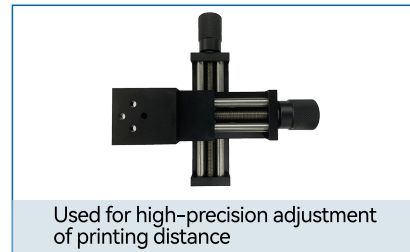
To realize the horizontal and vertical rotation of the print head

Rebound bracket



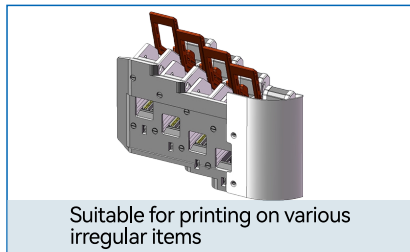
Rebound stroke of 20mm, suitable for printing on large items

High-precision fine-tuning components



Used for high-precision adjustment of printing distance

C-type anti-collision baffle



Suitable for printing on various irregular items

Photoelectric sensor



Used to adjust the bracket at any angle, easy to install and adjust

Accessories for Industrial inline printers



Conveyor



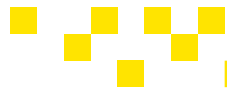
Synchronous wheel



Photoelectric sensor



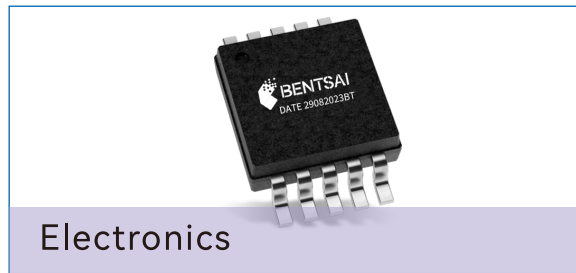
Three-color beacon



Applications



Pharmaceutical



Electronics



Pipes



Wooden pallets



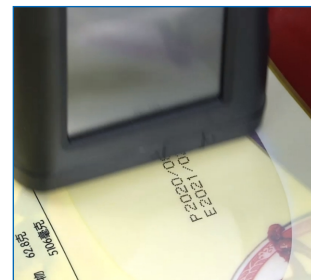
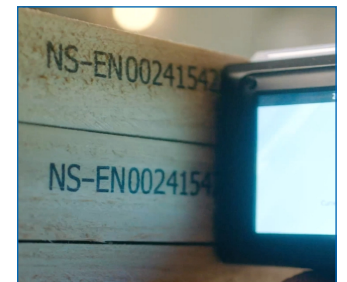
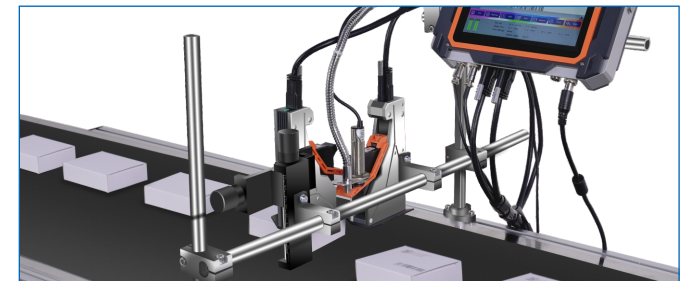
Foods

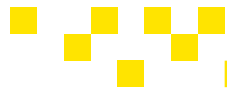


Case Coding



Applications





Model		Half inch(12.7mm)					One inch (25.4mm)					
		General inkjet printer			Professional inkjet printer		General inkjet printer		Professional inkjet printer			
		Mini	6205 series		6105 series		6210 series		B30 series			
Specifications		B10	HH-6205 B	HH-6205 BL	HH-6105B2	HH-6105B3	HH-6210 B	HH-6210 BL	B30	B35		
Photos												
Product and Packaging size	Product Length(mm)	110	204		217		204		217			
	Product Width(mm)	90	126		138		139		138			
	Product Height(mm)	40	41		54		41		54			
	Packaging Size(mm)	220*130*50	253*189*72mm	280*250*120mm		280*250*120		280*250*120		280*250*120		
	Net Weight (g)	192	420		450		435		460			
	Package Weight (g)	530	720	1980	2110	2115	1980	1990	2120	2125		
	Basic Parameters	Touch Screen(4.3inch)	—	●	●	●	●	●	●	●	●	
		Memory (G)	128M	128M	128M	128M	128M	128M	128M	128M	128M	
		Voltage Output(V/A)	DC 5V-1A	DC 5V-2A	DC 9.3V-2A	DC 9.3V-2A		DC 5V-2A	DC 9.3V-2A	DC 9.3V-2A		
		Power Rate(W)	5	16			18					
		Battery(mA)	500	2600			2600					
		Standby time with screen off(H)	●	≥16H		≥8H		≥16H		≥8H		
		Charging Time(H)	2	3			3					
		Network	USB Interface	—	●							
			Power(DC5*2.5)	●	●	●	●	●	●	●	●	●
			Power(Type-c)	●	●	●	●	●	●	●	●	●
	Inline Mode(sensor)		—	—	●	●	●	—	—	●	●	
	PC		—	—	—	—	—	—	—	—	—	
	Network Interface		—	—	—	—	—	—	—	—	—	
	Wi-Fi		●	—	—	—	—	—	—	—	—	
Blue Tooth	—		—	—	—	—	—	—	—	—		
Working Mode	Handheld Mode	●	●	●	●	●	●	●	●	●		
	Continuous Mode	●	●	●	●	●	●	●	●	●		
	Inline Mode(sensor)	—	●	●	●	●	—	—	●	●		
Printing	Ink throw distance(mm)	2mm-5mm(distance between nozzle plate and object)										
	Resolution	300dpi	300/600dpi			300dpi						
	Grey Level	1-5	1-5		1-10		1-5		1-10			
	Max Print Speed(mm/min)	30	60	60	60	60	30					
	Max Print Height(mm)	12.7				25.4						
	Max Length(mm)	406					1000					
Device Parameters	Functions	Text, Time, Date, Serial #	●	●	●	●	●	●	●	●		
		Barcode	●	●	●	●	●	●	●	●		
		QR Code	●	●	●	●	●	●	●	●		
		Picture Import	●	●	●	●	●	●	●	●		
		Variable Data Import	—	●	—	—	—	●	●	●		
		Date Export	—	●	—	—	—	●	●	●		
		Group Printing	—	●	●	●	●	●	●	●		
	Others	System Fonts Type	15(font package)	20 (external USB)								
Cartridges	Languages	Available languages vary for different regions and countries										
	12.7mm water based	—	●	●	●	●	—	—	—	—		
	12.7mm Solvent based	●	●	—	—	●	—	—	—	—		
	25.4mm water based	—	—	—	—	—	●	●	●	●		
	25.4mm Solvent based	—	—	—	—	—	●	●	●	●		
Cartridge Stitch	—	—	—	—	—	—	—	—	—			

Model		Two inches(50mm)				4 inches(100mm)				Industrial inkjet printer(MAX 48mm /96mm)							
		Professional inkjet printer		Professional wideformat printer		Professional inkjet printer		Professional wideformat printer		Professional industrial printer							
		B40 series		B80 series		B40 series		B80 series		0.5" single head	0.5" dual head	0.5" four heads	1" single head	1" dual head	1" four heads		
Specifications		B40	B45	B80	B85	B40	B45	B80	B85	B62	B62	B64	B62X	B62X	B64X		
Photos																	
Product and Packaging size	Product Length(mm)	220	220	239	239	—	—	—	—	—	—	—	—	—	—		
	Product Width(mm)	110	110	182	182	—	—	—	—	—	—	—	—	—	—		
	Product Height(mm)	75	75	177	177	—	—	—	—	—	—	—	—	—	—		
	Packaging Size(mm)	—	—	377*177*239+691*70*51		306*366*157		447*336*157		306*366*157		447*366*157		—			
	Net Weight (g)	900	900	1240	1240	—	—	—	—	—	—	—	—	—	—		
	Package Weight (g)	—	—	5168	5168	4600	5250	6730	4700	5450	6930	—	—	—	—		
	Basic Parameters	Touch Screen(5inch)	● (5inch)	● (5inch)	● (5inch)		● (7inch)										
		Memory (G)	4G	4G	4G		8G										
		Voltage Output(V/A)	DC 9.3V-5A	DC 9.3V-5A	DC 9.3V-5A		DC 24V-4A										
		Power Rate(W)	20	24	24		10	16	24	10	16	24					
		Battery(mA)	6000	6000	6000		—										
		Standby time with screen off(H)	≥10H	≥10H	≥10H		—										
		Charging Time(H)	3	3	3		—										
		Network	USB Interface	●	●	●	●	●									
			Power(DC5*2.5)	●	●	●	●	●									
			Power(Type-c)	●	●	●	●	●									
	Inline Mode(sensor)		—	—	—	—	●										
	PC		—	—	—	—	●										
	Network Interface		—	—	—	—	●										
	Wi-Fi		—	—	—	—	◎ Optional										
Blue Tooth	—		—	—	—	◎ Optional											
Working Mode	Handheld Mode		●	●	●	●	—										
	Continuous Mode		●	●	●	●	●										
	Inline Mode(sensor)	—	—	—	—	●											
Printing	Ink throw distance(mm)	2mm-5mm(distance between nozzle plate and object)															
	Resolution	300dpi		300dpi		300dpi											
	Grey Level	1-10		1-10		1-10											
	Max Print Speed(mm/min)	60		60		120											
	Max Print Height(mm)	50		100		12.7*1		12.7*2		12.7*4		25.4*1		25.4*2		25.4*4	
	Max Length(mm)	2000		2000		2000											
Device Parameters	Functions	Text, Time, Date, Serial #	●	●	●	●	●	●	●	●	●	●	●	●	●		
		Barcode	●	●	●	●	●	●	●	●	●	●	●	●	●		
		QR Code	●	●	●	●	●	●	●	●	●	●	●	●	●		
		Picture Import	●	●	●	●	●	●	●	●	●	●	●	●	●		
		Variable Data Import	—	●	—	—	—	●	●	●	●	●	●	●			
		Date Export	—	●	—	—	—	●	●	●	●	●	●	●			
		Group Printing	—	●	—	—	—	●	●	●	●	●	●	●			
	Others	System Fonts Type	20(import)		20(import)		20(import)										
Cartridges	Languages	Available languages vary for different regions and countries															
	12.7mm water based	—	—	—	—	—	—	—	—	—	—	—	—	—			
	12.7mm Solvent based	●	●	—	—	●	●	●	●	●	●	●	●	●			
	25.4mm water based	—	—	—	—	—	—	—	—	—	—	—	—	—			
	25.4mm Solvent based	—	—	—	—	—	—	—	—	—	—	—	—	—			
Cartridge Stitch	—	—	—	—	—	—	—	—	—	—	—	—	—				

