

Bentsai Handheld Inkjet printer

BT-HH6105B3



Bentsai BT-HH6105B3

This new, low-cost handheld printer from Bentsai is one of a new range to be supplied by T-Mark in Europe. The BT-HH6105B3 prints up to 12.7mm in height and includes a 11cm touch-screen for user-friendly message creation and programming.

| Printer Structure





Introduction to handheld inkjet printer - BT-HH6105B3

The new handjet comes in a robust case containing all the accessories needed to start printing straight away.

| Printer Packaging





Introduction to BT-HH6105B3



BT-HH6105B3 Product Design

- Ergonomic design, comfortable to hold
- moderate weight (450g)
- The whole machine material is safe and environmentally friendly, passed ROHS certification
- Sealed unit design: leakproof, dustproof and splashproof



BT-HH6105B3 Specification

Name	Description
Display Screen	11cm/4.3 inch colour high resolution LCD touch panel
Display Status	LED green light means power on; blue means on printing; red means power shortage.
Operation interface	user-friendly UI design, easy to operate
Printing content	Characters, numbers, symbols, QR codes, barcodes, pictures, time, dates, counters, etc.
Printing material	Wood, cardboard, stone, MDF board, pipe, metal, plastic, aluminum foil, cables, etc.
Printing fonts	vector font, dot matrix font
Printing resolution	300dpi\600dpi
Printing rows	1~7 rows adjustable
Font height	2mm-12.7mm adjustable
Distance between printhead and object	2-5mm

Print speed	60m/min(max. speed)
Print direction	360° printing
Colour of ink	monochrome black, White, Magenta, Yellow, Cyan, Green, Invisible
Cartridge capacity	42ml
External interface	USB, Photoelectric interface, Power interface
Battery capacity	2600mAh
Standby time	20 h
System consumptions	<5W in average
Ambient temperature	0-40°C
Ambient humidity	10%-80%
Power Supply	DC12V-2A
Weight	450g
Storage capacity	50MB(can store 30000 printing information)
Continuous printing	>10 h
Size	138*54*217mm

BT-HH6105B3

11cm colour touch screen, easy UI operation

The handheld printer uses a 11cm/4.3-inch large colour touch-screen display, which makes for a user-friendly programming experience.

Users can create new messages with ease. The touch-screen also allows for easy adjustment to the print direction, resolution and density of the print, so that the most cost-effective print design can be achieved.

One of 8 different language options for printing and the user interface can also be selected.



BT-HH6105B3

- One machine dual-use, complete accessories:



Handheld mode

- Small, lightweight and easy to carry
- Complete accessories



Photoelectric mode

- The fastest print speed of 300dpi can reach 60M/min;
- Low cost printing



BT-HH6105B3

- Ultra-low cost of print

Using the BT-2560 series water-based ink cartridge as an example, the following cost of print can be achieved* :

Category	Height	Print content	Single print cartridges printable characters	Single character printing cost
Small characters	5mm	digit	4000000pcs	0.00001USD
Large characters	10mm	digit	1000000pcs	0.00004USD

*dependent on size and density of character

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BT-HH6105B3 – print examples





About Bentsai:

Zhuhai Bentsai Printing Technology Co., Ltd. takes advanced MEMS manufacturing technology and characteristic process as its core. It focuses on TIJ thermal foaming print head integrated circuit technology and printer security operating system software and hardware development, and is committed to providing integrated solutions for inkjet printing equipment systems. It is a high-tech enterprise integrating independent research and development, production, sales and service.

The company has cooperated with Zhengzhou University, Zhuhai Branch of Beijing Institute of Technology and other universities to work on production, education and research, making technological breakthroughs in the MEMS process. On the basis of this advanced technology, the company has successively introduced and independently developed 100mm nozzle portable wide-format inkjet printing equipment.

About T-Mark:

T-Mark is the e-commerce division of Timbermark Identification Systems Ltd, which has been developing and providing marking and coding systems to the timber industry since 2004. Initially focusing on timber products and packaging, Timbermark has utilised the advances in print technology to offer its products to a wider market and can now provide solutions to a wider range of industries.

The Bentsai range of handheld TIJ printers is available from T-Mark from June 2021. The range includes the BT-HH6105B3, as well as the B35 handjet, which can print characters up to 25.4mm in height using a single printhead. The B85 handheld printer can combine up to 5 of these larger printheads to produce a print of up to 100mm in height.

For further information about the products available, visit www.t-mark.co.uk

Call us on 0870 803 1877 ; or email sales@t-mark.co.uk