

**BENTSAI B10 Mini Handheld Inkjet Printer**

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**Specifications**

Parameter	Details
Model Number	BENTSAI B10
Printer Color	Black
Compatible Ink Cartridge Models	BT-2580P (Black) / BT-2581P (Cyan) / BT-2582P (Magenta) / BT-2583P (Yellow) / BT-2584P (Green) / BT-2585P (White) / BT-2586P (Invisible)
Printer Weight	195g
Printer Size (L×W×H)	110 × 40 × 90 mm
Connection Type	Wi-Fi
Supported Operating Systems	Android, iOS
Supported App Languages	Arabic, Chinese, English, French, German, Hindi, Italian, Japanese, Korean, Persian, Portuguese, Russian, Spanish, Thai, Traditional Chinese, Turkish, Vietnamese
Printable Content	Texts, numbers, symbols, QR codes, barcodes, pictures, time, date, counters, etc.
Compatible Printing Materials	Wooden board, carton, stone, MDF, pipe, metal, plastic, aluminum foil, and more
Nozzle Height	12.7 mm
Printing Distance	2–5 mm
Supported Image Formats	JPG, BMP, PNG
Print Resolution	300 DPI
Maximum Printing Speed	500 mm/sec

Parameter	Details
Maximum Printing Area	12.7 mm × 500 mm
Battery Capacity	500 mAh
Power Input	5V 1A
Continuous Working Time	Up to 3 hours
Standby Time	3.5 hours
Charging Port	Type-C
Operating Temperature	0°C – 40°C
Operating Humidity	10% – 80%

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## Product Benefits

### Compact & Portable Design

The BENTSAI B10 features a **lightweight body (195g)** and **compact dimensions (110×40×90mm)**, making it easy to carry and use anywhere. With **wireless Wi-Fi connectivity**, it allows printing of **logos, barcodes, text, and images** directly from your smartphone.

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### Versatile Printing Capabilities

- Prints on **flat, curved, or uneven surfaces** — even on skin for temporary tattoos.
  - Supports **wood, metal, glass, plastic, fabric, and stone**.
  - Uses **fast-drying solvent ink** with excellent **adhesion, waterproofing, and durability**.
  - Delivers **high-resolution 300 DPI** output for professional-quality marking.
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### Wireless Operation with App Assistance

- Connects via **Wi-Fi** to the **PRTFOX App** (available on Android and iOS).
- Supports **real-time editing**, multiple **font styles**, and **custom templates**.

- **Battery-powered** with up to **3 hours of operation** and simultaneous charging support.
  - The app supports **17 international languages**, making it **user-friendly and training-free**.
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## Key Features

### 1. Print on the Go

- Pocket-sized design for ultimate portability.
- Seamless smartphone connection via Wi-Fi.
- Instantly start printing anywhere, anytime.

### 2. Wide Range of Applications

- Print **text, numbers, QR codes, barcodes, logos, and images** directly on most materials.
- Ideal for **industrial marking, custom packaging, crafting, and personal use**.

### 3. Low Ink Consumption

- Each cartridge (42ml) can print **up to 2 million characters**.
- Works on both **porous and non-porous surfaces**.
- Inks available in **multiple colors**, including **invisible ink** for security marking.

### 4. Freely Customizable Layouts

- Supports **multi-line printing** and **template saving** via the PRTFOX App.
- Maximum print height: **12.7mm (0.5 inch)**.
- Fully adjustable layout for creative or professional designs.

### 5. Easy to Use

- Simple **Wi-Fi setup** and **intuitive mobile app**.
  - No technical expertise required.
  - **300 DPI resolution** with adjustable gray levels for superior clarity.
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## Maintenance Tips

**Warm Reminder:**

For optimal print performance, **remove the ink cartridge** and **cover it with the plastic cap** if the printer will not be used for more than 10 minutes. This prevents the ink from drying and clogging the nozzle.

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**Summary**

The **BENTSAI B10 Mini Inkjet Printer** is a **compact, wireless, and highly versatile printing solution** for both industrial and personal applications. With its **multi-surface compatibility, mobile app support, and fast-drying inks**, it delivers **professional-quality results** wherever you go.