

MAST TATTOO YZHBD

MAST TATTOO Fold2 Wireless Tattoo Gun Rotary Pen Machine

Model: YZHBD
Brand: MAST TATTOO

1. SAFETY INFORMATION

This device is intended for external use only. Always ensure proper sterilization of all equipment before and after each use. Follow all local health and safety regulations for tattooing procedures. Do not operate the machine if it appears damaged or malfunctioning. Keep out of reach of children.

2. PRODUCT OVERVIEW

Key Features

- **Compact and Ergonomic Design:** The Fold2 tattoo pen measures 125 mm in length, weighs 215 g, and has a 32 mm grip, designed for comfortable handling during extended use.
- **Adjustable Stroke Lengths:** Features 7 adjustable stroke lengths (2.4, 2.7, 3.0, 3.3, 3.6, 3.9, 4.2 mm) for versatility across various tattooing techniques. Adjustments are made via a dedicated knob.
- **Mcore Motor:** Equipped with an Mcore motor for consistent power and durability, facilitating smooth operation for both lining and shading without snagging.
- **Wireless Operation with Replaceable Battery:** Includes an easily replaceable battery providing up to 6 hours of operation with a stable 8V output. A full charge takes approximately 1.5 hours. The OLED display shows voltage and battery status.
- **Wired Operation Capability:** An included RCA adapter allows for wired operation when the battery is depleted or preferred.

Components

The Mast Tattoo Fold2 machine consists of the main pen body, a detachable battery pack, and an optional RCA adapter for wired use.

One Hand
**EASY TO CHANGE
7 STROKES LENGTH**

2.4–4.2mm



Figure 1: Front view of the Mast Tattoo Fold2 Wireless Tattoo Gun, showing the OLED display and control buttons.

CHANGEABLE WIRELESS OR WIRED



- High capacity of battery
With 1500 mAh, with the
Long working duration of 4-6 hours
- When Power depletion,
The RCA connector
Can be replaced. Make work easier.

Figure 2: Close-up of the Mast Tattoo Fold2 showing the adjustable stroke length mechanism with markings from 2.4mm to 4.2mm.

1500MAH BATTERY CAPACITY



Figure 3: Detailed view of the battery unit for the Mast Tattoo Fold2, displaying 12.0V output and battery capacity.

3. SETUP

3.1 Charging the Battery

1. Connect the charging cable to the battery unit's charging port.
2. Plug the other end of the cable into a compatible USB power adapter.
3. The OLED display on the battery will indicate charging status. A full charge takes approximately 1.5 hours.

3.2 Attaching the Battery or RCA Adapter

- To use wirelessly, align the battery pack with the main pen body and twist gently until securely attached.
- For wired operation, attach the RCA adapter to the pen body in the same manner. Connect an RCA cable from a power supply to the adapter.



Figure 4: The Mast Tattoo Fold2 with an RCA adapter, demonstrating wired operation capability.

3.3 Adjusting Stroke Length

Rotate the adjustment knob located on the pen body to select the desired stroke length (2.4mm to 4.2mm). Refer to the markings on the knob for precise selection.

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Figure 5: The adjustable stroke length mechanism on the Mast Tattoo Fold2.

3.4 Inserting Needle Cartridge

Gently push the needle cartridge into the front end of the pen until it clicks into place. Ensure it is seated firmly and correctly.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- To power on, press and hold the power button on the battery unit until the OLED display illuminates.
- To power off, press and hold the power button again until the display turns off.

4.2 Voltage Adjustment

Use the '+' and '-' buttons on the battery unit to increase or decrease the voltage in 0.1V increments. The current voltage is displayed on the OLED screen.

4.3 Monitoring Battery Life

The OLED display shows the remaining battery percentage. Recharge the battery when the level is low to avoid interruptions during use.

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Video 1: Demonstrates how to set up and operate the Mast Fold2 Wireless Tattoo Pen Machine, including attaching components and adjusting

settings.

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Video 2: An unboxing and initial power-on demonstration of a Mast Fold Pro tattoo machine, showing the device's components and display activation.

5. MAINTENANCE

5.1 Cleaning

- Always disconnect the power source before cleaning.
- Wipe the exterior of the machine with a clean, damp cloth and a mild disinfectant.
- Do not immerse the machine in liquid. Avoid getting moisture into the motor or electronic components.
- Ensure all parts are completely dry before reassembly or storage.

5.2 Storage

Store the tattoo machine in a clean, dry place away from direct sunlight and extreme temperatures. Keep it in its original packaging or a protective case to prevent damage.

6. TROUBLESHOOTING

Common Issues and Solutions

- **Machine not turning on:** Ensure the battery is fully charged and properly attached. If using the RCA adapter, verify the power supply is connected and functioning.
- **Inconsistent power or needle movement:** Check the battery level. Ensure the needle cartridge is correctly inserted and not damaged. If using wired, check RCA cable connection.
- **OLED display not working:** Try recharging the battery. If the issue persists, contact customer support.
- **Unusual noise or vibration:** Discontinue use immediately. Check for any loose parts or obstructions. Contact customer support if the issue cannot be resolved.

7. SPECIFICATIONS

Feature	Detail
Model Number	YZHBD
Dimensions (Pen Body)	125 mm (Length), 32 mm (Grip Diameter)
Weight	215 g (approx.)
Operating Voltage	8V (stable output)
Motor	Mcore Motor
RPM	6500rpm (at 8V)
Stroke Lengths	2.4, 2.7, 3.0, 3.3, 3.6, 3.9, 4.2 mm (adjustable)
Battery Life	Up to 6 hours (wireless)
Charging Time	Approx. 1.5 hours
Battery Type	AA batteries (2 required, included)
Connectivity	Wireless (battery) or Wired (RCA adapter)

Feature	Detail
Manufacturer	MAST TATTOO

8. WARRANTY AND SUPPORT

The Mast Tattoo Fold2 Wireless Tattoo Gun Rotary Pen Machine comes with a **12-month warranty** from the date of purchase. This warranty covers manufacturing defects and malfunctions under normal use.

For warranty claims, technical support, or any inquiries regarding your product, please contact MAST TATTOO customer service through their official website or the retailer where the product was purchased. Please have your proof of purchase and model number (YZHBD) ready when contacting support.