

MAST TATTOO WQP-076-2

MAST TATTOO Fold2 Pro Wireless Tattoo Pen Machine Instruction Manual

Model: WQP-076-2

INTRODUCTION

This manual provides detailed instructions for the safe and effective use of your MAST TATTOO Fold2 Pro Wireless Tattoo Pen Machine. Please read this manual thoroughly before operating the device to ensure optimal performance and longevity. This device is intended for professional use only.

SAFETY INFORMATION

Use with caution to avoid hurting oneself.

Always ensure the device is clean and sterilized before each use. Follow all local health and safety regulations for tattooing procedures. Keep the device away from children and unauthorized personnel. Do not attempt to disassemble or repair the device yourself, as this may void the warranty and cause injury.

PRODUCT OVERVIEW

The Mast Fold2 Pro is a wireless tattoo pen machine designed for professional tattoo artists. It features a compact design, a powerful Mcore-C1 rotary motor, and an adjustable stroke length mechanism, offering versatility for various tattooing styles.



Figure 1: Mast Fold2 Pro Wireless Tattoo Pen Machine with detachable battery.

Key Features:

- **Wireless Operation:** Enjoy freedom of movement with the integrated battery.
- **Mcore-C1 Motor:** Provides consistent power and durability for smooth operation.
- **Adjustable Stroke Length:** Seven real stroke options (2.4mm, 2.7mm, 3.0mm, 3.3mm, 3.6mm, 3.9mm, 4.2mm) for diverse tattooing needs.
- **Dual Battery System:** Includes two replaceable 2,000mAh batteries for extended use.
- **OLED Display:** Clear display showing battery percentage, voltage, and working time.



Figure 2: The Mcore-C1 motor, designed for exceptional power and durability.

SETUP

1. Battery Installation and Charging:

1. Ensure the battery is fully charged before first use. Connect the provided Type-C charging cable to the battery pack and a suitable USB power adapter.
2. The OLED display will indicate charging status. A full charge typically takes 1.5-2 hours and provides up to 7 hours of working time at 8V.
3. To install, align the battery pack with the main body of the tattoo pen and twist gently until securely connected.



Figure 3: Mastlabs Technology battery with Type-C charging port and estimated run time.

2. Needle Cartridge Insertion:

1. Select a compatible needle cartridge.
2. Gently push the needle cartridge into the front end of the machine until it clicks into place.
3. Twist the grip to adjust the needle depth as required.

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Video 1: Demonstrates the unboxing, assembly, and initial setup of the Mast Fold2 Pro tattoo machine, including battery installation and needle cartridge insertion.

OPERATING INSTRUCTIONS

1. Power On/Off:

- Press and hold the power button (usually the central button on the display) for a few seconds to turn the machine on or off.
- The OLED display will illuminate, showing battery life, current voltage, and working time.



Figure 4: Easy-to-use operating system with OLED display for monitoring battery, voltage, and timing.

2. Voltage Adjustment:

- Use the '+' and '-' buttons on the display to adjust the working voltage. The voltage can be adjusted in 0.1V increments within the 4-12V range.
- Adjust voltage according to your needle type, skin type, and desired tattooing effect.

3. Stroke Length Adjustment:

- The Mast Fold2 Pro offers 7 real stroke length options: 2.4mm, 2.7mm, 3.0mm, 3.3mm, 3.6mm, 3.9mm, and 4.2mm.
- To change the stroke length, rotate the adjustment knob located on the body of the machine. Align the desired stroke length with the indicator mark.
- Different stroke lengths are suitable for various techniques: shorter strokes for soft black and grey, longer strokes for packing color and lining.



Figure 5: Adjustable length dial for selecting stroke sizes between 2.4mm and 4.2mm.

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Video 2: Highlights the adjustable 7-stroke length feature of the Mast Fold2 Pro, demonstrating how to change stroke settings.

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Video 3: Shows the Mast Fold2 Pro tattoo machine in action, demonstrating its use for various tattooing techniques.

MAINTENANCE

Proper maintenance ensures the longevity and hygienic operation of your tattoo machine.

- **Cleaning:** After each use, thoroughly clean the machine's exterior with a suitable disinfectant wipe. Do not immerse the machine in liquid.
- **Sterilization:** Ensure all components that come into contact with skin or ink are properly sterilized according to industry standards.
- **Storage:** Store the machine in a clean, dry place away from direct sunlight and extreme temperatures.
- **Battery Care:** Charge batteries regularly, even if not in use, to maintain battery health. Avoid overcharging or completely draining the battery.

TROUBLESHOOTING

If you encounter issues with your Mast Fold2 Pro, refer to the following common solutions:

- **Machine not turning on:** Ensure the battery is fully charged and properly installed. Check for any visible damage to the battery or connection points.
- **Inconsistent needle movement:** Verify that the needle cartridge is correctly inserted and not damaged. Check the stroke length setting.
- **Reduced power or short battery life:** The battery may need to be recharged or replaced. Ensure you are using the correct charging cable and adapter.
- **Unusual noise or vibration:** Disassemble the machine and check for any loose parts or debris. If the issue persists, contact customer support.

SPECIFICATIONS

Feature	Detail
Model Number	WQP-076-2
Dimensions	140mm (Length) x 32mm (Diameter)
Weight	233g
Motor	Mcore-C1 Rotary Motor
Stroke Lengths	2.4mm, 2.7mm, 3.0mm, 3.3mm, 3.6mm, 3.9mm, 4.2mm
Working Voltage	4-12V (adjustable in 0.1V increments)
Battery Capacity	2 x 2,000mAh (replaceable)
Charging Time	1.5-2 hours
Working Time	Up to 7 hours (at 8V)
Charging Port	Type-C



Figure 6: Key physical parameters of the Mast Fold2 Pro.

WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official MAST TATTOO website or contact your authorized dealer. Keep your proof of purchase for any warranty claims.