

## Filter Tora Tattoo Gun

# Filter Tora Wireless Rotary Tattoo Machine Pen Instruction Manual

Model: Tora Tattoo Gun



## 1. PRODUCT OVERVIEW

The Filter Tora Wireless Rotary Tattoo Machine Pen is designed for both beginners and experienced artists, offering freedom from wires and enhanced control. This device integrates a powerful motor with a long-lasting battery, providing a reliable and precise tattooing experience.

### Key Features

- **Wireless Operation:** Eliminates the need for external power cables, offering greater mobility and convenience.
- **Pause and Timer Function:** Allows artists to temporarily halt operation and track working hours for improved workflow management.
- **High-Capacity Battery:** Equipped with a 1600mAh battery, providing approximately 5 hours of continuous operation at 8V after a full charge. Features Type-C charging for quick replenishment.
- **Custom Motor:** Features a 12V 10000RPM motor, ensuring stable performance and efficient ink transfer.
- **Adjustable Settings:** Offers an adjustable needle depth from 0-4.5mm and an operating voltage range of 4-12V, adjustable in precise 0.1V increments.
- **Wide Compatibility:** Compatible with most standard tattoo cartridge needles, ensuring versatility for various tattooing styles.

## 2. GETTING STARTED

### 2.1 Charging the Device

Before initial use, fully charge the tattoo machine. Connect the provided Type-C charging cable to the device's charging port and a suitable USB power adapter. The battery indicator on the display will show charging progress. A full charge typically takes approximately 2 hours, providing up to 5 hours of working time at 8V.

# Large Battery Capacity Stable High Conductivity



An illustration showing the 1600mAh battery of the Filter Tora Tattoo Machine being charged via a Type-C connector, indicating 5 hours working time and 2 hours charging time.

## 2.2 Installing Tattoo Cartridge Needles

1. Ensure the machine is powered off.
2. Carefully insert the desired tattoo cartridge needle into the machine's needle port.
3. Twist the needle cartridge gently until it is securely seated. The Filter Tora machine is compatible with most standard cartridge needles.

## 3. OPERATING INSTRUCTIONS

### 3.1 Power On/Off and Voltage Adjustment

- **Power On:** Press and hold the power button (usually marked 'O' or a similar symbol) until the display illuminates.
- **Adjust Voltage:** Use the '+' and '-' buttons to increase or decrease the operating voltage. The voltage can be adjusted in 0.1V increments within the 4-12V range.

- **Power Off:** Press and hold the power button again until the display turns off.

### 3.2 Pause and Timer Function

The device features a pause function to temporarily stop operation without powering down, and a timer to track working duration. Refer to the display for timer information. Specific activation steps for pause and timer may vary; consult the on-screen prompts or quick-start guide for detailed instructions.

### 3.3 Dot Mode

The Filter Tora Tattoo Machine includes a 10-level dot function, ranging from D0 to D9, for specialized dot shading techniques.

- **Activate Dot Mode:** Tap and hold the 'P' button.
- **Select Level:** Use the '+' and '-' buttons to choose the desired dot mode level (D0-D9).
- **Adjust Voltage in Dot Mode:** Tap the 'P' button to switch to voltage adjustment, then use the '+' and '-' buttons.
- **Exit Dot Mode:** Simply tap and hold the power button again.



A close-up of the Filter Tora Tattoo Machine's control panel, illustrating the 'Dot Mode' function and voltage adjustment buttons.

### 3.4 Needle Depth Adjustment

The needle depth can be adjusted from 0-4.5mm by rotating the grip section of the machine. Rotate clockwise to decrease depth and counter-clockwise to increase depth, or as indicated by markings on the device.

## 4. CARE AND MAINTENANCE

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

- **Cleaning:** After each use, wipe down the exterior of the machine with a suitable disinfectant wipe. Avoid submerging the device in liquids.
- **Sterilization:** The machine itself is not designed for autoclave sterilization. Only disposable components like needle cartridges should be used and disposed of properly.
- **Storage:** Store the machine in a clean, dry place away from direct sunlight and extreme temperatures.

## 5. TROUBLESHOOTING

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If you encounter issues with your Filter Tora Tattoo Machine, refer to the following common solutions:

- **Machine Not Turning On:** Ensure the battery is fully charged. If the issue persists, contact customer support.
- **Inconsistent Power/Performance:** Check that the needle cartridge is correctly installed and not damaged. Verify

the voltage setting.

- **Battery Drains Quickly:** Ensure the machine is fully charged before use. Battery life can be affected by higher voltage settings and continuous operation.

## 6. TECHNICAL SPECIFICATIONS

Feature	Specification
Material	Aircraft aluminum
Dimensions (Ø x L)	123 x 32.8 mm
Weight	6.9 oz (196g)
Motor	Custom motor, 12V 10000RPM
Operating Voltage	4-12V
Switch Frequency	45-170 Hz
Needle Depth	0-4.5 mm
Battery Capacity	1600 mAh
Recharging Time	Approx. 2 hours
Battery Life	Approx. 5 hours (at 8V)
Stroke Length	3.5mm



A table outlining the technical specifications of the Filter Tora Tattoo Machine, including material, dimensions, weight, motor, battery, operating voltage, RRM, switch frequency, needle depth, battery capacity, recharging time, and battery life.

## 7. WARRANTY AND CUSTOMER SUPPORT

Filter provides comprehensive after-sale service for your tattoo machine. If you encounter any problems or have suggestions regarding your device, please contact our customer support team. We are committed to assisting you and will respond to inquiries within 24 hours.

## 8. PRODUCT VISUALS

## 8.1 Product Images



The Filter Tora Wireless Rotary Tattoo Machine Pen in black, showcasing its sleek design and integrated display.



Two Filter Tora tattoo machine pens, highlighting the 3.5mm stroke length, with one featuring a gold accent band.



A detailed view of the Filter Tora Tattoo Machine's custom motor, emphasizing its 12V 10000RPM performance.



Three Filter Tora Wireless Rotary  
Tattoo Machine Pens in different  
finishes: black, blue-purple gradient, and  
black with a gold band.



Two Filter Tora Tattoo Machine Pens  
from the Gradient Colour Series,  
showcasing vibrant color transitions.

8.2 Official Product Videos

Your browser does not support the video tag.

An instructional video from the seller demonstrating basic tattooing techniques, including lining and shading, using a rotary tattoo machine on practice skin.

