

## POSEIDON PTK201

# POSEIDON Wireless Rotary Tattoo Machine Kit PTK201 User Manual

Model: PTK201

## 1. INTRODUCTION

Welcome to the POSEIDON Wireless Rotary Tattoo Machine Kit PTK201 user manual. This document provides essential information for the safe and effective operation of your new tattoo machine kit. Please read it thoroughly before use to ensure proper handling, maintenance, and to understand all features of the device. This kit is designed for both beginners and experienced users.

## 2. IMPORTANT SAFETY INFORMATION

Adherence to safety guidelines is crucial when operating tattoo equipment. Failure to follow these instructions may result in injury or damage to the device.

- This product is intended for professional use or under professional supervision.
- Always ensure all components are properly sterilized before use to prevent infection.
- Dispose of used needles and other contaminated materials in appropriate sharps containers.
- Keep the device and all accessories out of reach of children.
- Do not attempt to disassemble or modify the tattoo machine or battery, as this may void the warranty and pose safety risks.
- Avoid exposing the device to water or excessive moisture.
- If you experience any skin reactions or discomfort during use, discontinue immediately and consult a medical professional.
- Use only POSEIDON approved accessories and replacement parts.

## 3. PACKAGE CONTENTS

The POSEIDON Wireless Rotary Tattoo Machine Kit PTK201 includes the following items:

- 1 x Tattoo Pen
- 1 x Wireless Battery

- 20 x Assorted Tattoo Cartridge Needles (1205RLx5, 1207RLx5, 1209RSx5, 1207RMx5)
- 1 x Self-Cohesive Grip Cover
- 1 x Type-C Charging Cable
- 40 x Ink Cups
- 2 x Practice Skins (3mm thickened)
- 2 x Transfer Papers
- 10 x 5ml Color Inks
- 1 x 30ml Black Ink
- 1 x Pair of Gloves
- 1 x Spare RCA Cable



Image: All components included in the POSEIDON Wireless Rotary Tattoo Machine Kit PTK201.

## 4. PRODUCT OVERVIEW

### 4.1 Tattoo Pen Features

The tattoo pen is constructed from premium aluminum alloy and features an advanced motor for reliable power and quiet operation. It is designed for cordless freedom, eliminating the need for a foot pedal. The

pen offers 9 adjustable voltage levels (3-12V) and is compatible with all standard cartridge needles.



Image: Detailed view of the tattoo pen highlighting the Type-C interface, wireless battery connection, strong motor, non-slip handle, and adjustable needle length (2.4-4.2mm).



**HIGH QUALITY MOTOR**

**MORE POWERFUL**

**QUIETER**

**VIBRATES LESS**

**LENGTH**

**100MM**

**STROKE LENGTH**

**4.2MM**

**SPEED**

**8V 8000<sup>RPM</sup>**



# TATTOO POWER PEN

Image: Specifications of the tattoo pen, including its length (100mm), stroke length (4.2mm), and speed (8000 RPM at 8V).



Image: Illustration of the brushless motor technology within the tattoo pen, designed for low motor load.

## 4.2 Battery System

The kit includes a 1500mAh rechargeable battery, providing 4-6 hours of working time per charge, depending on the voltage used. The Type-C charging cable ensures fast and convenient recharging.

# TATTOO ACCUSATION



Working time  
**6hours**

Charging time  
**2hours**

battery capacity  
**1200mAh**

Image: Display of the wireless tattoo battery, indicating a working time of up to 6 hours, a charging time of 2 hours, and a battery capacity of 1200mAh.

## 4.3 Cartridge Needles

Each cartridge needle is individually packaged and sterilized with EO gas to ensure safety and hygiene. These needles are designed for smooth operation, efficient color saturation, better ink flow, and faster absorption. The kit includes various configurations: 1205RL×5, 1207RL×5, 1209RS×5, and 1207RM×5.



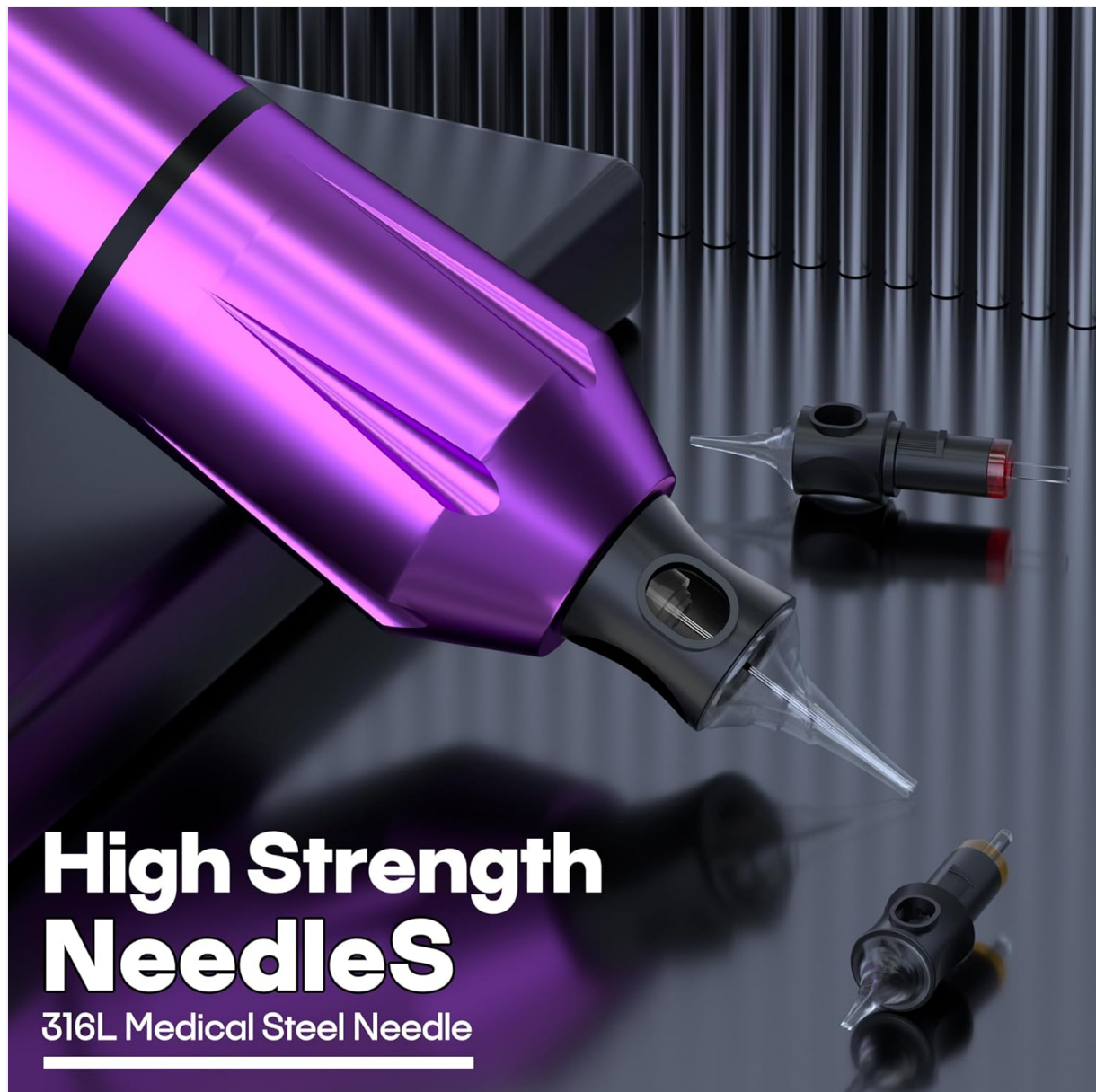


Image: Close-up view of the high-strength tattoo needles, emphasizing their construction from 316L medical steel.

## 5. SETUP INSTRUCTIONS

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### 5.1 Charging the Battery

1. Connect the Type-C charging cable to the battery's charging port.
2. Plug the other end of the cable into a compatible USB power adapter (not included).
3. The battery display will indicate charging status. Charge until fully charged (approximately 2 hours).

### 5.2 Attaching the Battery to the Tattoo Pen

1. Ensure both the tattoo pen and battery are clean and dry.
2. Align the battery connector with the pen's power input.
3. Gently push and twist the battery onto the pen until it is securely attached.



# Tattoo Pen Kit



Image: The POSEIDON tattoo pen with the wireless battery securely attached, demonstrating its readiness for operation on a practice skin.

## 5.3 Inserting a Cartridge Needle

1. Select the desired sterilized cartridge needle.
2. Insert the needle cartridge into the front opening of the tattoo pen.
3. Twist the cartridge clockwise until it clicks into place, ensuring it is firmly seated.





Image: A close-up view illustrating the correct method for inserting a tattoo needle cartridge into the pen.

## 6. OPERATING INSTRUCTIONS

### 6.1 Power On/Off

1. To power on, press and hold the power button on the battery for a few seconds until the display illuminates.
2. To power off, press and hold the power button again until the display turns off.

### 6.2 Adjusting Voltage

1. Once powered on, use the '+' and '-' buttons on the battery to adjust the voltage.
2. The display will show the current voltage setting (ranging from 3V to 12V).

### 6.3 Adjusting Needle Length

1. Rotate the grip of the tattoo pen clockwise or counter-clockwise to adjust the needle protrusion.
2. The adjustable needle length ranges from 2.4mm to 4.2mm.



Image: The tattoo pen illustrating the mechanism for adjusting the needle length by rotating the grip.

## 6.4 Practice and Use

Before tattooing on skin, it is highly recommended to practice on the provided practice skins to familiarize yourself with the machine's operation, needle depth, and ink application. This will help develop control and precision.



# Tattoo Pen Kit



Image: A user demonstrating the application of the tattoo pen on a practice skin, highlighting the practical use of the kit.

## 7. MAINTENANCE AND CARE

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### 7.1 Cleaning the Tattoo Pen

After each use, it is essential to clean the tattoo pen thoroughly. Disconnect the battery and remove the needle cartridge. Wipe down the exterior of the pen with a sterile wipe or a cloth dampened with an approved disinfectant solution. Ensure no liquids enter the motor housing. Do not submerge the pen in water.

### 7.2 Battery Care

To prolong battery life, avoid fully discharging the battery frequently. Charge it regularly, even if not in constant use. Store the battery in a cool, dry place away from direct sunlight and extreme temperatures. If the battery will not be used for an extended period, charge it to about 50% before storage.

### 7.3 Storage

Store the tattoo machine kit and all its components in a clean, dry, and dust-free environment. Keep it in its original packaging or a dedicated storage case to protect it from damage.



## 8. TROUBLESHOOTING

This section addresses common issues you might encounter with your POSEIDON Wireless Rotary Tattoo Machine Kit.

Issue	Possible Cause	Solution
Machine not turning on	Battery is discharged Battery not properly connected	Charge the battery fully Ensure battery is securely attached to the pen
Weak or inconsistent power	Low battery charge Loose connection	Recharge the battery Check battery and RCA cable connections
Needle not moving or stuck	Improperly inserted needle cartridge Damaged needle cartridge	Re-insert the needle cartridge correctly Replace with a new needle cartridge
Excessive vibration or noise	Loose components Damaged motor	Check all connections and ensure components are tight Contact customer support if motor damage is suspected

## 9. SPECIFICATIONS

Key technical specifications for the POSEIDON Wireless Rotary Tattoo Machine Kit PTK201:

Feature	Detail
Model	PTK201
Package Dimensions	8.46 x 7.91 x 3.9 inches
Weight	1.94 Pounds
Battery Type	Lithium Polymer
Battery Capacity	1500mAh (approx. 1200mAh stated on image)
Working Voltage	3-12V (9 adjustable levels)
Stroke Length	4.2mm
Needle Length Adjustment	2.4-4.2mm
Manufacturer	POSEIDON
UPC	718653422260





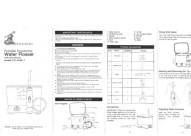

## 10. WARRANTY AND SUPPORT

POSEIDON stands behind the quality of its products. If you are not completely satisfied with your

purchase, please contact us for a refund or replacement. Your satisfaction is guaranteed.

For technical support, warranty claims, or any questions regarding your POSEIDON Wireless Rotary Tattoo Machine Kit PTK201, please contact our customer service department through the retailer's platform or visit the official POSEIDON website for contact information.

## Related Documents - PTK201

	<p><a href="#">POSEIDON Tattoo Kit Instructions &amp; Product Overview</a></p> <p>Comprehensive guide to the POSEIDON tattoo kit, including product components, setup, and usage instructions for beginners. Learn how to use the tattoo pen, power supply, needles, and ink safely.</p>
	<p><a href="#">Poseidon Product Range 2017 - Diving Equipment Catalog</a></p> <p>Explore the Poseidon Product Range 2017 catalog, featuring high-performance diving equipment including rebreathers, regulators, BCDs, masks, fins, and accessories. Discover innovative technology for recreational and technical diving.</p>
	<p><a href="#">Poseidon Dive Equipment Product Range Catalog</a></p> <p>Explore the comprehensive range of Poseidon diving equipment, featuring rebreathers, dive computers, regulators, BCDs, suits, masks, fins, snorkels, bags, apparel, and accessories for technical and recreational divers. Detailed product specifications and features.</p>
	<p><a href="#">M28 Firmware Update Procedure and Troubleshooting Guide</a></p> <p>Comprehensive guide for updating the firmware on the M28 device and associated accessories like SE7EN, CPOD, HUD, DISPLAY, and paddle display using RB Config software. Includes detailed steps and troubleshooting for common update failures.</p>
	<p><a href="#">POSEIDON TTP-PCWF-1 Portable Countertop Water Flosser: Instruction Manual &amp; User Guide</a></p> <p>Detailed instruction manual for the POSEIDON TTP-PCWF-1 Portable Countertop Water Flosser. Covers important safeguards, product features, usage instructions, troubleshooting tips, maintenance, and warranty information from ToiletTree Products.</p>
	<p><a href="#">Poseidon Sand Filter Installation and Operation Manual</a></p> <p>This manual provides comprehensive instructions for the installation, operation, and maintenance of Poseidon swimming pool sand filters manufactured by Hy-Clor. It covers parts identification, assembly steps, multiport valve functions, troubleshooting, and best practices for optimal pool filtration.</p>

