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UPTATSUPPLY TK205

UPTATSUPPLY POSEIDON TK205 Cordless Rotary Tattoo Machine Kit User Manual

Model: TK205 | Brand: UPTATSUPPLY

1. INTRODUCTION

This manual provides essential instructions for the safe and effective use of your UPTATSUPPLY POSEIDON TK205 Cordless Rotary Tattoo Machine Kit. Please read this manual thoroughly before operating the device to ensure proper setup, operation, and maintenance. Retain this manual for future reference.



Image 1.1: Overview of the UPTASUPPLY POSEIDON TK205 Cordless Rotary Tattoo Machine Kit, showing the tattoo pen, cartridge needles, ink bottles, and various accessories.

2. PACKAGE CONTENTS

Verify that all items listed below are present in your kit:

- 1x Cordless Rotary Tattoo Pen (Model HM120)
- 2x Rechargeable Batteries (1500mAh each)
- 1x Type-C Charging Cord
- 20x EO Gas-Sterilized Cartridge Needles (5x1205RL, 5x1207RL, 5x1209RS, 5x1007CM)
- 1x 30ml Black Tattoo Ink
- 10x 5ml Color Tattoo Inks
- 40x Ink Cups
- 1x Marker Pen
- 1x Tattoo Sticker

- 1x Pair of Gloves
- 1x Grips Cover
- 2x 3mm Practice Skins
- 2x Transfer Papers
- 4x Mats



Image 2.1: The included 30ml black ink bottle and ten 5ml color ink bottles.

3. PRODUCT OVERVIEW

3.1. Cordless Rotary Tattoo Pen (HM120)

The POSEIDON HM120 rotary tattoo pen is designed for precise control in various tattooing applications. It features a robust motor and a 4.0mm stroke length.

- **Model:** HM120
- **Dimensions:** 120mm x 26mm
- **Weight:** 162g

- **Stroke:** 4.0mm
- **Motor:** 8V 8000 RPM
- **Compatibility:** All standard cartridge needles



Image 3.1: The POSEIDON HM120 tattoo pen, highlighting its compact size and key operational specifications.

3.2. Rechargeable Batteries

The kit includes two 1500mAh high-density batteries to ensure extended cordless operation. These batteries feature a 9-step adjustable voltage output.

- **Battery Capacity:** 1500mAh
- **Output Voltage:** 4V-12V (9-step adjustable)
- **Input Voltage:** DC 5V/1A (Type-C)
- **Charging Time:** Approximately 2 hours (with 1A+ charger)
- **Operating Time:** 4-6 hours (at 8V)

PORTABLE TATTOO BATTERY X2



Battery Capacity: 1500mAh
Charging Method: Type-C

4V-12V

Output Voltage

2h (1A+ charger)

Charging Time

DC 5V/1A

Input Voltage

4-6h(8V)

Operating Time

62g

Image 3.2: The two included 1500mAh rechargeable batteries, showing their voltage display and Type-C charging port.

3.3. Cartridge Needles

The kit provides 20 sterile cartridge needles, designed for stable needle motion and optimal ink flow. Each needle features an anti-backflow membrane.

- **Sterilization:** EO Gas-sterilized
- **Types Included:** 5x1205RL, 5x1207RL, 5x1209RS, 5x1007CM
- **Feature:** Inner membrane to prevent ink backflow

ANTI-BACKFLOW NEEDLE

© ANTI-BACKFLOW NEEDLE



Inner membrane stops ink spit-back
Guaranteed smoother lines, fewer clogs

Image 3.3: Detail of a cartridge needle, illustrating the internal membrane designed to prevent ink backflow and ensure smooth operation.

4. SETUP INSTRUCTIONS

1. **Charge Batteries:** Before first use, fully charge both rechargeable batteries using the provided Type-C cord and a compatible 1A+ USB charger. The battery display will indicate charging status.
2. **Attach Battery to Pen:** Gently twist one charged battery onto the top of the rotary tattoo pen until securely fastened. Ensure the connection is firm.
3. **Insert Cartridge Needle:** Select the desired sterile cartridge needle. Push the needle firmly into the front opening of the tattoo pen until it clicks into place. Twist slightly if necessary to ensure a secure fit.
4. **Prepare Ink:** Pour a small amount of desired tattoo ink into a clean ink cup.
5. **Adjust Needle Depth:** Rotate the grip of the tattoo pen to adjust the needle depth. Turn clockwise to extend the needle, counter-clockwise to retract it.



Image 4.1: The cordless tattoo pen with a rechargeable battery unit attached, demonstrating the assembled state.

5. OPERATING INSTRUCTIONS

1. **Power On:** Press and hold the power button on the battery unit for a few seconds until the display illuminates.
2. **Adjust Voltage:** Use the '+' and '-' buttons on the battery unit to adjust the voltage. The display will show the current voltage setting (4V-12V). Start with a lower voltage and gradually increase as needed for your technique.
3. **Dip Needle:** Gently dip the tip of the cartridge needle into the ink cup to load ink.
4. **Begin Operation:** Once the voltage is set and the needle is loaded, the machine is ready for use.
5. **Power Off:** Press and hold the power button on the battery unit for a few seconds until the display turns off.

Important: Always practice on the provided practice skins before attempting any work on human skin. Ensure proper sterilization and safety protocols are followed at all times.

6. MAINTENANCE

- **Cleaning the Pen:** After each use, disconnect the battery and remove the needle. Wipe the exterior of the tattoo pen with a clean, damp cloth. For thorough cleaning, use a suitable disinfectant spray on the exterior surfaces. **Do not submerge the pen in liquid.**
- **Battery Care:** Store batteries in a cool, dry place. Avoid overcharging or completely draining the batteries. If not in use for an extended period, charge them periodically to maintain battery health.
- **Needle Disposal:** Always dispose of used cartridge needles in a designated sharps container to prevent accidental injury and contamination.
- **Storage:** Store the tattoo kit components in a clean, dry environment, away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Machine does not turn on.	Battery is not charged or not properly connected.	Ensure battery is fully charged and securely attached to the pen. Press and hold the power button.
Battery does not hold charge for long.	Battery degradation or improper charging.	Ensure you are using a 1A+ charger. Avoid extreme temperatures. If issues persist, consider using the second battery or contacting support.
Needle not moving or moving weakly.	Low battery, incorrect voltage, or needle not properly seated.	Check battery charge. Increase voltage. Re-seat the cartridge needle firmly.
Ink flow issues.	Needle clogged or insufficient ink.	Ensure needle is clean. Dip needle deeper into ink. Replace needle if necessary.

8. SPECIFICATIONS

- **Product Model:** TK205
- **Tattoo Pen Model:** HM120
- **Tattoo Pen Dimensions:** 120mm x 26mm
- **Tattoo Pen Weight:** 162g
- **Stroke Length:** 4.0mm
- **Motor Speed:** 8V 8000 RPM
- **Battery Capacity:** 1500mAh (per battery)
- **Output Voltage:** 4V-12V (adjustable)
- **Charging Interface:** Type-C
- **Charging Time:** Approx. 2 hours (with 1A+ charger)
- **Operating Time:** 4-6 hours (at 8V)
- **Needle Compatibility:** Standard cartridge needles
- **Package Dimensions:** 8.5 x 8 x 4 inches
- **Package Weight:** 2 Pounds

9. SAFETY INFORMATION

The UPTATSUPPLY POSEIDON TK205 kit is intended for practice and professional use. Adherence to strict safety and hygiene protocols is paramount. Failure to do so can result in serious health risks.

- **Sterilization:** Always use new, individually packaged, and EO gas-sterilized cartridge needles for each session. Never reuse needles.
- **Hygiene:** Maintain a clean and sterile working environment. Wear gloves and use disposable barriers where appropriate.
- **Skin Preparation:** Ensure the skin area is properly cleaned and disinfected before any procedure.
- **Ink Safety:** Use only high-quality, reputable tattoo inks. Store inks according to manufacturer instructions.
- **Power Source:** Use only the provided Type-C cable and a compatible USB charger (1A+ recommended) for charging. Do not use damaged cables or chargers.
- **Battery Handling:** Do not puncture, disassemble, or expose batteries to extreme heat or fire. Dispose of batteries responsibly according to local regulations.
- **Professional Use:** This equipment is designed for individuals trained in tattooing procedures. Improper use can lead to injury, infection, or permanent skin damage.
- **Children and Pets:** Keep all components of the kit out of reach of children and pets.

Warning: Using non-sterile equipment or improper techniques can lead to infections, allergic reactions, scarring, and transmission of bloodborne pathogens. Consult with a qualified professional for proper training and guidance.

10. WARRANTY AND SUPPORT

UPTATSUPPLY offers a 100% satisfaction guarantee with a refund or replacement policy. For any questions, concerns, or support needs regarding your POSEIDON TK205 kit, please contact UPTATSUPPLY customer service through your purchase platform.

Please refer to your purchase documentation for specific warranty terms and conditions.