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Vidattx TK024

POSEIDON Tattoo Pen Kit Rotary Tattoo Machine Kit User Manual

Brand: Vidattx | Model: TK024

1. Introduction

Thank you for choosing the POSEIDON Tattoo Pen Kit. This professional complete kit is designed for beginners, starters, and apprentices, providing all essential tools for your tattooing journey. It features a high-quality rotary tattoo machine, a stable power supply, and a variety of cartridge needles. Please read this manual thoroughly before use to ensure safe and proper operation.

2. Safety Information

- Keep this product and all its components away from children.
- Always ensure proper sanitation and sterilization of all tattoo equipment before and after each use to prevent infections.
- Do not operate the tattoo machine if you are unfamiliar with its functions or if you are not trained in tattooing.
- Never use damaged or faulty equipment. Inspect all components before use.
- The power supply has an automatic protection function. If voltage is too high or abnormal, the power will cut off automatically to ensure safety.
- Use only compatible cartridge needles and accessories.
- Dispose of used needles and other contaminated materials safely and according to local regulations.

3. Package Contents

Your POSEIDON Tattoo Pen Kit includes the following items:

- 1 x POSEIDON Rotary Tattoo Pen
- 20 x Tattoo Cartridge Needles (1003RL*5, 1007RL*5, 1205M1*5, 1207RM*5)
- 2 x Self-Cohesive Tattoo Grip Cover
- 1 x Tattoo Power Supply
- 1 x RCA Cord

- 1 x Foot Pedal
- 40 x Ink Caps
- 1 x Practice Skin
- 5 x Transfer Paper
- 5 x 5ml Tattoo Ink
- 1 x 30ml Black Tattoo Ink
- 1 x Pair of Tattoo Gloves



Figure 3.1: Overview of all components included in the POSEIDON Tattoo Pen Kit.

4. Setup Instructions

1. **Assemble the Tattoo Pen:**

   Attach a sterile cartridge needle to the front of the tattoo pen. Twist the area to adjust the needle length as needed

for your tattooing technique. Apply a self-cohesive grip cover to the pen for comfortable handling.



Figure 4.1: Attaching the cartridge needle and adjusting its length on the tattoo pen. Note: Battery is not included in this kit.

2. **Connect the Power Supply:**

   Connect the RCA cord to the tattoo pen and then plug the other end into the "OUT" port of the tattoo power supply. Plug the power supply into a suitable electrical outlet.



Figure 4.2: The POSEIDON Tattoo Power Supply features an LED display and can operate with or without a foot pedal.

3. **Connect the Foot Pedal (Optional):**

   If you prefer to use the foot pedal for operation, connect it to the "FOOT" port on the power supply. The power supply can also be operated without the foot pedal by using its built-in controls.



Figure 4.3: The power supply can function without a foot pedal, offering flexibility in operation.

4. **Prepare Ink and Practice Skin:**

   Pour a small amount of tattoo ink into the provided ink caps. Before tattooing on skin, always practice on the included practice skin to familiarize yourself with the machine's feel and ink flow.

5. Operating Instructions

5.1. Tattoo Pen Operation

- The POSEIDON tattoo pen operates with a powerful custom motor and advanced gear system, ensuring reliable and quiet performance.
- **Operating Voltage:** The recommended operating voltage is between 6V-11V. Adjust the voltage on the power supply according to your preference and the specific tattooing task.
- **Needle Compatibility:** The pen is compatible with all standard cartridge needles.
- **Ergonomics:** The pen is designed to be ergonomic and lightweight, reducing hand fatigue during long sessions.



Figure 5.1: Key specifications of the POSEIDON Tattoo Pen, including working voltage, stroke length, and speed.

5.2. Power Supply Operation

- Turn on the power supply using the main switch. The LED display will show the current voltage.
- Use the adjustment knob to increase or decrease the voltage to your desired setting.
- If using a foot pedal, press the pedal to activate the tattoo pen. Release to stop.
- If not using a foot pedal, the power supply may have a button to toggle continuous operation. Refer to the power supply's specific markings.



Figure 5.2: Features of the POSEIDON Tattoo Power Supply, including LED display, weight reduction, and anti-fatigue mode.

5.3. Tattoo Cartridge Needles

- The included cartridge needles are disposable and sterilized by EO gas, individually blister-packed for hygiene.
- The tips are designed for stable work, easy coloring, faster ink absorption, and improved ink flow.
- Always use a new, sterile needle for each tattooing session.



Figure 5.3: Close-up of POSEIDON Pro Needles with their plastic shell design.

6. Maintenance and Care

- **Cleaning the Tattoo Pen:** After each use, carefully wipe down the exterior of the tattoo pen with a sterile wipe or a cloth dampened with a suitable disinfectant solution. Ensure no liquids enter the motor housing. Do not submerge the pen in water or cleaning solutions.
- **Needle Disposal:** Always dispose of used tattoo needles in a designated sharps container immediately after use. Never recap or bend used needles.
- **Power Supply Care:** Keep the power supply clean and dry. Wipe it with a soft, dry cloth. Avoid exposing it to moisture or extreme temperatures.
- **Storage:** Store all components of the tattoo kit in a clean, dry, and secure place, away from direct sunlight and extreme temperatures. Keep out of reach of children.
- **Regular Inspection:** Periodically inspect all cables, connections, and the tattoo pen for any signs of wear, damage, or loose parts. Replace any damaged components immediately.

7. Troubleshooting

Problem	Possible Cause	Solution
Tattoo pen not turning on.	Power supply not connected or turned on. RCA cord loose or damaged. Foot pedal not connected or faulty (if in use). Low voltage setting.	Ensure power supply is plugged in and switched on. Check RCA cord connections; try a different cord if available. Verify foot pedal connection or try operating without it. Increase voltage on the power supply.
Pen running weakly or inconsistently.	Voltage too low. Needle cartridge issue. Pen motor issue.	Increase voltage. Replace the cartridge needle with a new one. Ensure the pen is clean and free of debris.
Power supply automatically shuts off.	Overload or abnormal voltage detected. Internal fault.	Unplug and re-plug the power supply. Check for short circuits in connections. If problem persists, contact customer service.

8. Specifications

Feature	Detail
Product Model	TK024
Brand	Vidattx
Tattoo Pen Material	Premium Aluminum Alloy
Tattoo Pen Motor	Powerful Custom Motor
Tattoo Pen Operating Voltage	6V-11V
Needle Compatibility	All Cartridge Needles
Power Supply Features	Stable Voltage Output, Automatic Protection Function, LED Display
Cartridge Needles Sterilization	EO Gas, Individual Blister Packs
Package Dimensions	8.27 x 7.87 x 3.9 inches
Package Weight	2.05 Pounds
UPC	708258960779
ASIN	B0BXCYC2R4

9. Warranty and Customer Support

Vidattx is committed to providing high-quality products and excellent customer service.

- **Warranty:** For any issues with your POSEIDON Tattoo Pen Kit, Vidattx provides a replacement or full refund. No reason is needed for returns or exchanges, ensuring a smooth and simple process.
- **Contact Support:** If you encounter any problems or have questions regarding the use, maintenance, or troubleshooting of your kit, please contact the seller, Vidat KAILE, through the Amazon platform or refer to the product listing for direct contact information.

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