

Peak Kyan Pen

Peak Kyan Pen Rotary Tattoo Machine User Manual

Model: Kyan Pen (Blue)



INTRODUCTION

The Peak Kyan Pen Rotary Tattoo Machine is engineered for precision and control, offering an ergonomic design that mimics the feel of a traditional pen. This manual provides essential information for the proper setup, operation, maintenance, and troubleshooting of your Peak Kyan Pen.

This machine is equipped with a powerful spring system Faulhaber Motor, designed for reliable performance in professional tattooing environments. It operates within a working voltage range of 6-10V and features a 4mm stroke length, making it compatible with a wide array of cartridge needles.

PACKAGE CONTENTS

Upon unboxing your Peak Kyan Pen Rotary Tattoo Machine, please verify that all the following components are included:

- Peak Kyan Pen Rotary Tattoo Machine (Blue)
- 3 x O-Rings
- 1 x DC Power Cord



Image: The Peak Kyan Pen Rotary Tattoo Machine shown alongside its retail packaging.

SETUP

Follow these steps to prepare your Peak Kyan Pen for operation:

1. **Unpack the Machine:** Carefully remove the Peak Kyan Pen and all accessories from its packaging.
2. **Connect Power:** Insert the DC power cord into the designated port at the base of the tattoo machine. Connect the other end of the DC power cord to a compatible power supply (not included).
3. **Attach Cartridge Needle:** Select your desired cartridge needle. Insert the needle into the machine's front opening, twisting gently until it locks securely into place. Ensure the needle is properly seated to prevent movement during operation.
4. **Adjust Needle Depth:** Rotate the grip of the machine to adjust the needle depth according to your tattooing requirements.



Image: The Peak Kyan Pen Rotary Tattoo Machine with its DC power cord attached, ready for connection to a power supply.

OPERATING INSTRUCTIONS

The Peak Kyan Pen is designed for intuitive use. Adhere to standard tattooing safety and hygiene protocols.

- **Power On:** Once connected to a power supply, activate the power supply to begin operation.
- **Voltage Adjustment:** Adjust the voltage on your power supply within the recommended range of 6-10V to achieve the desired speed and power for your tattooing technique. Lower voltages result in slower speeds, while higher voltages increase speed.
- **Needle Compatibility:** This machine is compatible with a wide variety of standard cartridge needles. Always ensure the cartridge needle is securely attached before operation.
- **Stroke Length:** The machine features a fixed 4mm stroke length, suitable for various tattooing styles including lining, shading, and color packing.

MAINTENANCE

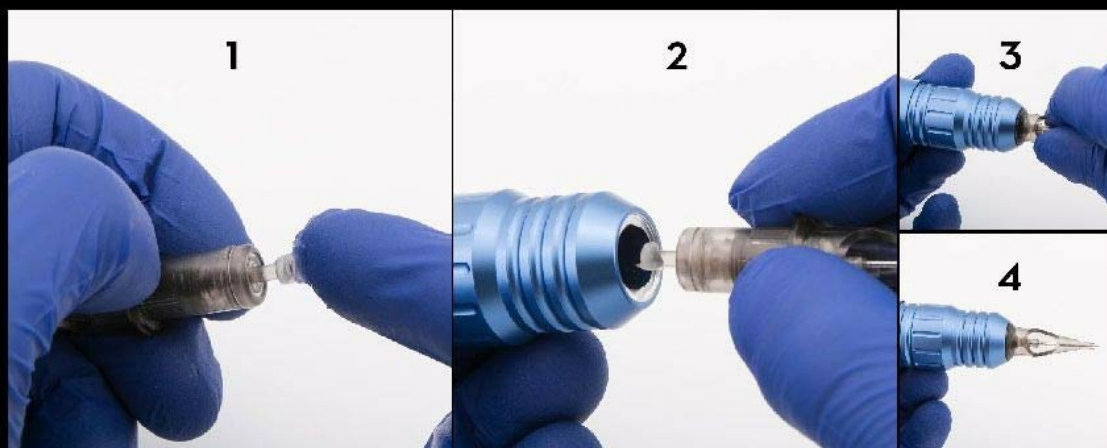
Proper maintenance is crucial for the longevity and optimal performance of your Peak Kyan Pen. Always ensure the machine is disconnected from power before performing any maintenance.

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KYAN PEN MAINTENANCE & TIPS

Every other time you switch needles, apply a small amount of lubricant to the needle plungers; this will help keep the machine well lubricated.



Additional Tips:

The Peak Kyan Pen can be wipe-cleaned using disinfectant wipes such as Madacide.

The Kyan Pen grip is autoclave-safe. Please do not autoclave the machine body and motor.

It is recommended that the screws are lubricated with Vaseline or synthetic grease/oil before the grip is screwed back onto the machine body.

Image: A visual guide illustrating key maintenance points for the Peak Kyan Pen, including lubrication of needle plungers.

- **Lubrication:** Every other time you switch needles, apply a small amount of lubricant to the needle plungers. This practice helps maintain the machine's smooth operation and extends its lifespan.
- **Cleaning:** The Peak Kyan Pen can be effectively wipe-cleaned using disinfectant wipes, such as Madacide. Ensure thorough cleaning after each use to maintain hygiene standards.

- **Autoclave Safety:** The Kyan Pen grip is designed to be autoclave-safe. However, it is critical to note that the machine body and motor are NOT autoclave-safe. Do not autoclave these components.
- **Screw Lubrication:** Before re-screwing the grip onto the machine body, it is recommended to lubricate the screws with Vaseline or synthetic grease/oil. This facilitates easier assembly and disassembly and prevents wear.

TROUBLESHOOTING

If you encounter issues with your Peak Kyan Pen, consider the following common troubleshooting steps:

- **Machine Not Starting:**
 - Ensure the DC power cord is securely connected to both the machine and the power supply.
 - Verify that your power supply is turned on and functioning correctly.
 - Check the power outlet for functionality.
- **Inconsistent Operation/Weak Power:**
 - Confirm the voltage setting on your power supply is within the recommended 6-10V range.
 - Inspect the DC power cord for any damage or loose connections.
 - Ensure the cartridge needle is not jammed or improperly seated.
 - Check if the needle plungers require lubrication as per maintenance instructions.
- **Excessive Vibration or Noise:**
 - Verify that the cartridge needle is correctly and securely inserted.
 - Ensure all components, especially the grip, are tightened properly.
 - Lubricate the needle plungers if they feel dry or stiff.

If these steps do not resolve the issue, please refer to the Support section for further assistance.

SPECIFICATIONS

Feature	Detail
Model	Kyan Pen
Color	Blue
Stroke Length	4mm
Working Voltage	6-10V
Motor Type	Faulhaber Motor, spring system
Needle Compatibility	Compatible with a variety of cartridge needles
Included Accessories	3 O-rings, 1 DC power cord
Country of Origin	China

WARRANTY AND SUPPORT

For information regarding warranty coverage, returns, or technical support for your Peak Kyan Pen Rotary Tattoo Machine, please contact Peak customer service directly. You can typically find contact details on the manufacturer's official website or through the retailer where the product was purchased.

It is recommended to retain your proof of purchase for any warranty claims.



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This manual is for informational purposes only. Specifications are subject to change without notice.