Solong Tattoo P51-2

Solong Tattoo Machine Set P51-2 Instruction Manual

Model: P51-2

1. Introduction

Thank you for choosing the Solong Tattoo Machine Set P51-2. This comprehensive kit is designed for both beginners and professional tattoo artists, offering reliability and ease of use. Please read this manual thoroughly before operating the machine to ensure safe and effective use and to maximize the lifespan of your equipment.



Figure 1: Solong Tattoo Machine Set P51-2

2. Safety Information

Always prioritize safety when working with tattoo equipment. Improper use can lead to injury or infection. Adhere to the following guidelines:

- **Sterilization:** Ensure all needles, tubes, and contact surfaces are properly sterilized before each use. Use only individually packaged, sterilized disposable needles.
- **Hygiene:** Always wear sterile gloves. Maintain a clean and disinfected workspace.
- **Power Supply:** Use only the provided power supply and battery. Do not attempt to modify the electrical components.
- **Skin Preparation:** Prepare the skin area thoroughly by cleaning and disinfecting it before tattooing.
- **Storage:** Store the machine and all components in a clean, dry place away from direct sunlight and extreme temperatures.

- **Not Water Resistant:** This device is not water resistant. Avoid contact with liquids.

3. Package Contents

Verify that all items listed below are included in your package:

- 1x Solong Tattoo Machine (P51-2)
- 1x 1500mAh High-Capacity Battery
- 10x Disposable Tattoo Cartridge Needles
- 7x Bottles of Tattoo Ink (5ml each)
- 1x Practice Skin
- 2x Transfer Paper sheets
- 1x Pair of Gloves
- 1x Roll of Grip Cover Tape
- 30x Ink Cups
- 1x User Manual



Figure 2: Complete Tattoo Gun Kit Contents

4. Product Features

- **Durable Construction:** The tattoo machine is crafted from lightweight and durable aluminum alloy.
- **Ergonomic Design:** Features an anti-slip handle for comfortable and extended use.
- **Powerful Motor:** Equipped with a robust motor for stable and consistent operation, ensuring low noise, low vibration, and minimal heat generation.
- **High-Capacity Battery:** Includes a 1500 mAh lithium-ion battery, providing 4-6 hours of available operating time depending on voltage.
- **Adjustable Voltage:** Operates within a voltage range of 5 to 11 volts.
- **Sterilized Needles:** Disposable cartridge needles are individually packaged and sterilized for safety.
- **Versatile Ink:** The included black ink is suitable for both lining and shading.



Figure 3: P51 Design Features

5. Setup Instructions

1. **Charge the Battery:** Before first use, fully charge the 1500mAh battery using the provided charging cable. The indicator lights on the battery will show the charging status.
2. **Attach the Battery:** Securely connect the fully charged battery to the top of the tattoo machine. Ensure it clicks into place firmly.
3. **Prepare the Needle:** Open a new, individually packaged sterile cartridge needle. Avoid touching the needle tip.
4. **Insert the Needle:** Gently push the cartridge needle into the machine's front opening until it locks into position. Twist slightly if necessary to ensure a secure fit.
5. **Adjust Needle Depth:** Rotate the grip of the machine to adjust the needle depth to your desired setting (0-3.5mm).
6. **Prepare Ink:** Pour a small amount of tattoo ink into a clean, disposable ink cup.



Figure 4: Machine Components and Assembly Points

6. Operating Instructions

1. **Power On:** Press and hold the power button on the battery pack to turn on the machine. The LED display will illuminate.
2. **Adjust Voltage:** Use the '+' and '-' buttons on the battery pack to adjust the voltage. The recommended voltage range is 5-11 volts. Start with a lower voltage and gradually increase as needed for your specific tattooing technique.
3. **Dip Needle in Ink:** Gently dip the tip of the cartridge needle into the ink cup, allowing the needle to draw up the ink.
4. **Begin Tattooing:** Apply the machine to the prepared skin surface. Maintain a steady hand and consistent pressure.
5. **Practice:** For beginners, it is highly recommended to practice on the included practice skin before tattooing on real skin.
6. **Power Off:** After use, press and hold the power button to turn off the machine.



Figure 5: Using the Machine on Practice Skin



Figure 6: Tattooing on Real Skin

7. Maintenance

- **Cleaning:** After each use, remove and dispose of the needle cartridge. Wipe down the machine body with a disinfectant wipe. Do not immerse the machine in liquid.
- **Battery Care:** Store the battery in a cool, dry place. Avoid overcharging or completely draining the battery to prolong its lifespan.
- **Lubrication:** The brushless motor is designed for low maintenance. Refer to specific manufacturer guidelines if lubrication is ever required for internal moving parts.
- **Storage:** Keep the machine and accessories in their original packaging or a dedicated clean, dry case when not in use.

8. 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. Press and hold power button.
Needle not moving	Needle cartridge not inserted correctly or machine is at too low voltage.	Re-insert needle cartridge firmly. Increase voltage gradually.
Machine vibrates excessively or makes unusual noise	Loose components or damaged needle.	Check needle cartridge for damage and replace if necessary. Ensure all parts are securely fastened.
Ink flow is inconsistent	Needle not properly saturated with ink or ink is too thick.	Ensure needle is adequately dipped in ink. If ink is too thick, consider using a thinner specifically designed for tattoo ink.

9. Specifications

Feature	Detail
Model	P51-2
Brand	Solong Tattoo
Battery Type	1x Lithium-ion (included)
Battery Capacity	1500 mAh
Voltage Range	5 - 11 Volts
Needle Depth	0 - 3.5 mm (adjustable)
Machine Material	Aluminum Alloy
Color	Red
Package Dimensions	19.7 x 14.6 x 14.3 cm
Package Weight	710 grams
Water Resistance	No
Number of Pieces in Kit	18
GTIN	06977820880461

10. Warranty Information

Solong Tattoo products are manufactured to high-quality standards. This product comes with a standard manufacturer's warranty against defects in materials and workmanship. Please retain your proof of purchase for any warranty claims. For

specific warranty terms and conditions, refer to the warranty card included in your package or contact customer support.

11. Customer Support

If you encounter any issues or have questions regarding your Solong Tattoo Machine Set P51-2, please do not hesitate to contact our customer support team. We are dedicated to providing assistance and ensuring your satisfaction.

Contact Information:
Please refer to the contact details provided on the product packaging or our official website for the most up-to-date support information.

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