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> FK Irons EXO Modular Rotary Tattoo Machine Pen - 2.5mm Stroke Stealth User Manual

FK IRONS 00801-00-BLK-2.5

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Model: 00801-00-BLK-2.5

INTRODUCTION

The FK Irons EXO is a versatile modular rotary tattoo machine designed for professional artists. This unit features a 2.5mm stroke and a sleek Stealth finish, offering flexibility with both RCA and wireless battery connections. Its powerful 9W brushless motor and ergonomic design ensure comfort and precision during extended use. The EXO is engineered to reduce skin trauma and is suitable for various tattooing styles, including bold lining, color packing, and solid color work.



Image: The FK Irons EXO Modular Rotary Tattoo Machine Pen in Stealth finish, showcasing its sleek design.

SETUP AND ASSEMBLY

The FK Irons EXO features a modular design, allowing for easy switching between wired RCA and wireless PowerBolt battery operation. Follow these steps for proper assembly:

1. **Unpack Components:** Carefully remove the machine body/grip, RCA module, and (if purchased separately) the PowerBolt battery pack from the packaging.
2. **Choose Power Source:**
 - **For Wired Operation (RCA):** Attach the RCA module to the machine body by aligning the connections and twisting until secure. Connect a standard RCA cable from your power supply to the RCA module.
 - **For Wireless Operation (PowerBolt):** Attach the PowerBolt battery pack to the machine body by aligning the connections and twisting until secure. Ensure the PowerBolt is charged via its USB-C port before use.
3. **Attach Grip:** The EXO comes with a large, ergonomic 40mm grip. Twist the grip onto the machine body until it is firmly in place.

4. **Insert Needle Cartridge:** Insert your preferred needle cartridge into the grip. Ensure it clicks securely into position.
5. **Adjust Needle Depth:** The machine features a ratcheted, adjustable needle depth system. Rotate the grip to achieve the desired needle protrusion.

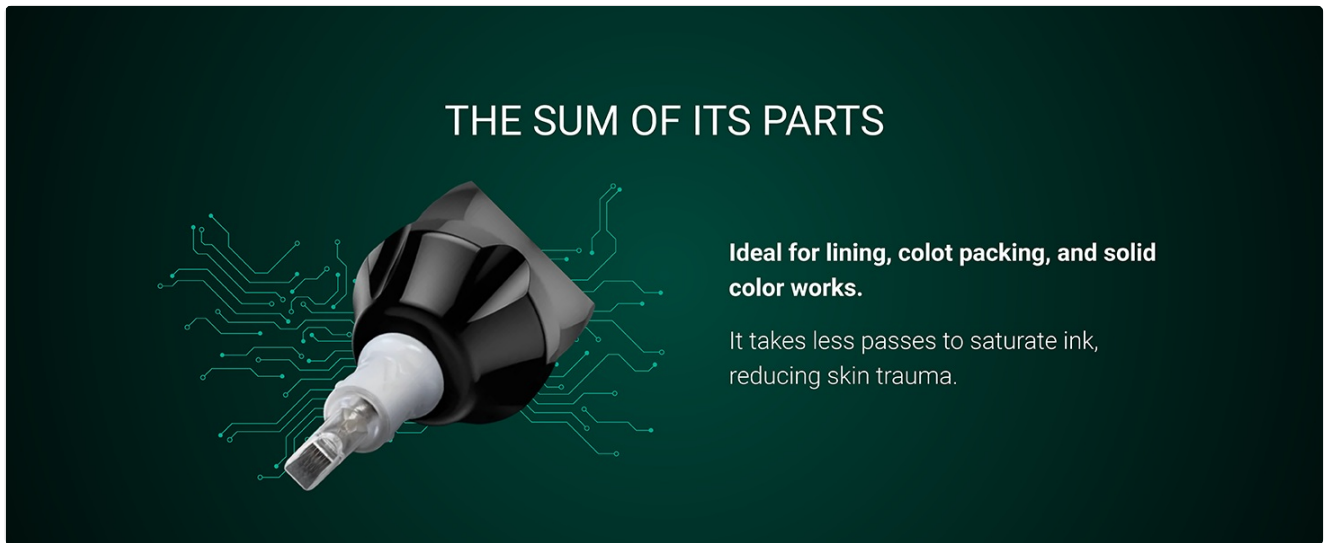


Image: Illustration showing the modular options of the FK Irons EXO, including wireless PowerBolt and traditional RCA adapter configurations.



Image: Exploded view of the FK Irons EXO components: RCA module, PowerBolt battery, and the main body/grip, highlighting the 2.5mm stroke.

OPERATING INSTRUCTIONS

Once assembled, the FK Irons EXO is ready for operation. Ensure all connections are secure and sterile practices are followed.

- **Power On:** If using the PowerBolt, press and hold the power button until the LED indicator illuminates. If using RCA, activate your external power supply.
- **Adjust Voltage:** Use the up/down arrows on the PowerBolt (or your external power supply) to set the desired operating voltage. The PowerBolt features an LED display for dynamic power management.
- **Needle Depth Adjustment:** Fine-tune the needle depth by rotating the machine's grip. The ratcheted system provides precise control.
- **Tattooing:** The 2.5mm stroke is ideal for precise lining and detailed work. The 9-watt brushless motor provides consistent power, reducing passes needed to saturate ink and minimizing skin trauma.
- **Power Off:** If using PowerBolt, press and hold the power button until the LED turns off. If using RCA, turn off

your external power supply.



Image: The FK Irons EXO machine fully assembled with the PowerBolt battery pack, ready for wireless operation.

MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your FK Irons EXO tattoo machine. Always follow strict hygiene protocols for tattooing equipment.

- **Cleaning:** After each use, disassemble the machine and thoroughly clean all external surfaces with a suitable disinfectant solution. Ensure no liquids enter the motor housing or electrical connections.
- **Sterilization:** The machine body and grip are designed for easy cleaning and can be barrier-protected during use. Consult your local health regulations for proper sterilization procedures for tattoo equipment.
- **Lubrication:** The internal motor mechanism is maintenance-free. Do not attempt to lubricate internal components unless specifically instructed by FK Irons support.
- **Storage:** Store the machine in a clean, dry, and safe environment when not in use. Protect it from dust, moisture, and extreme temperatures.

- **Battery Care (PowerBolt):** If using a PowerBolt, charge it regularly and avoid deep discharge to prolong battery life. Store the PowerBolt in a cool, dry place.

TROUBLESHOOTING

If you encounter issues with your FK Irons EXO, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Machine not turning on (PowerBolt)	Low battery; PowerBolt not securely attached.	Charge the PowerBolt using a USB-C cable. Ensure the PowerBolt is twisted firmly onto the machine body.
Machine not turning on (RCA)	RCA cable faulty; Power supply off; RCA module not securely attached.	Check RCA cable connection and integrity. Ensure power supply is on and functioning. Verify RCA module is twisted firmly onto the machine body.
Inconsistent needle movement	Loose needle cartridge; Incorrect voltage setting.	Ensure needle cartridge is fully seated and locked. Adjust voltage to an appropriate level for your tattooing style.
Excessive vibration or noise	Loose components; Damaged needle cartridge.	Check all modular connections (grip, PowerBolt/RCA module) are tight. Replace needle cartridge if damaged.

If these steps do not resolve the issue, please contact FK Irons customer support for further assistance.

SPECIFICATIONS

Feature	Detail
Model Number	00801-00-BLK-2.5
Stroke Length	2.5mm
Motor	9-watt Brushless Motor
Connectivity	RCA and Wireless (PowerBolt compatible, sold separately)
Grip Diameter	40mm Ergonomic Grip
Product Dimensions	1.62 x 1.62 x 4.62 inches
Weight	6.8 ounces
Manufacturer	FK Irons
UPC / GTIN	810034255877



MADE IN THE USA

FK Irons relentlessly pushes to incorporate advanced technology into our machines to the benefit of the artist.

Image: A comparison chart detailing specifications across various FK Irons tattoo machine models, including the EXO.

WARRANTY AND SUPPORT

FK Irons products are manufactured to high standards. For specific warranty information, please refer to the documentation included with your purchase or visit the official FK Irons website. For technical support, service, or warranty claims, please contact FK Irons customer service directly.

Contact Information: Please refer to the official FK Irons website or your product packaging for the most current contact details.

Online Resources: For additional resources, tutorials, and FAQs, visit the [FK Irons Brand Store on Amazon](#) or their official website.