

FK ONE ADJUST

BUILT TO ADAPT, ENGINEERED TO PERFORM.

USER MANUAL



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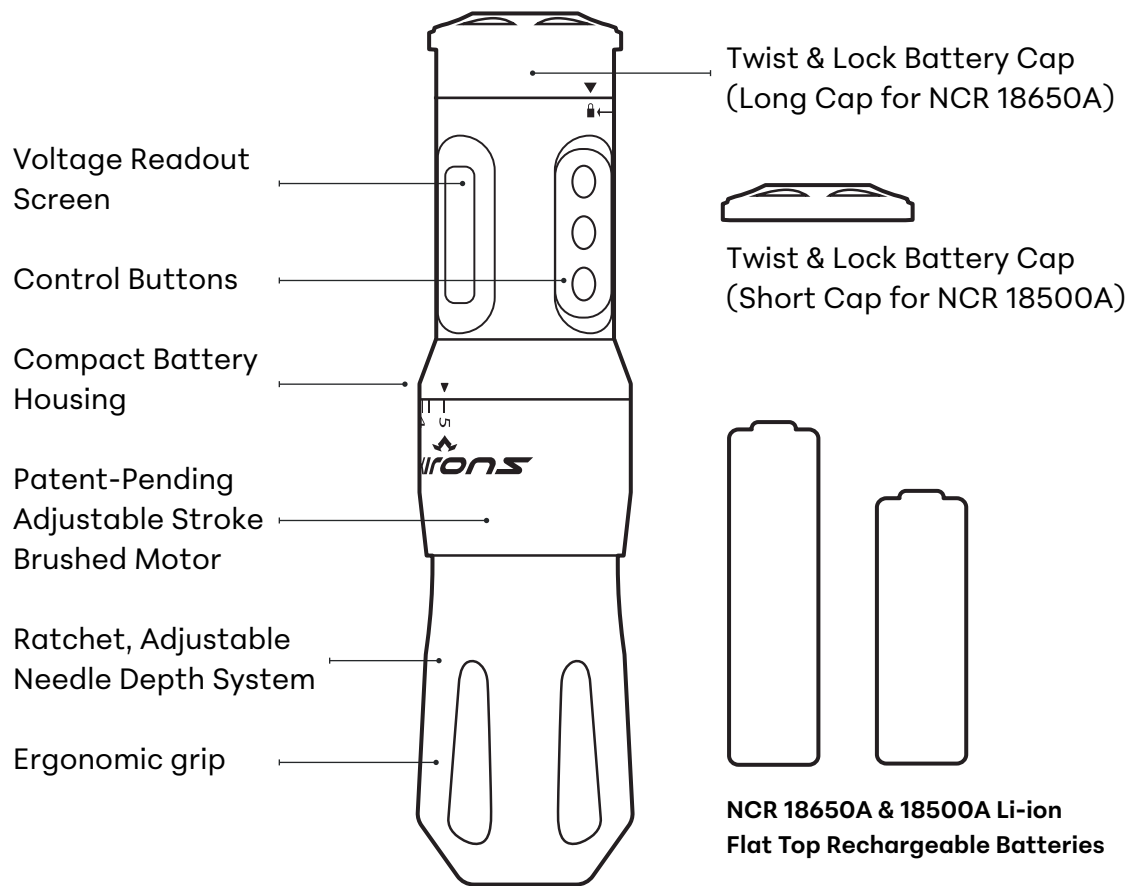
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CLASS III SYMBOL

A Class III appliance is designed to be supplied from a separate/safety extra-low voltage (SELV) power source. The voltage from a SELV supply is low enough that, under normal conditions, a person can safely come into contact, without the risk of electrical shock. The extra safety features built into Class I and Class II appliances are, therefore, not required. For medical devices, compliance with Class III is not considered sufficient protection, and further, more-stringent regulations apply to such equipment.

OVERVIEW



SPECIFICATIONS

Output Voltage: 5V–12V

Increment/Decrement Voltage Interval: 0.2V

Maximum Output Current: 1A

Assembled Length:

With short battery cap: 142mm x 38mm

With long battery cap: 152mm x 38mm

Assembled Weight:

With 18500A Battery: 249g (8.8oz)

With 18650A Battery: 267g (9.4oz)

Battery Life:

Varies according to your settings
+ operating conditions

18500A Battery: ~5.5 hours

18650A Battery: ~6.5 hours

Battery Caps:

18500A Battery uses short cap

18650A Battery uses long cap

OPERATION



Power On/Off

- Tap the center red button to wake up the machine and activate display screen.
- To turn on the motor for use, tap the center button again while the screen is still displayed, before sleep.
- To turn off the motor, tap the center button.

Note: Machine will enter sleep mode after 15 seconds when the motor is not running.

Adjust Voltage

- Press the up/down buttons to increase or decrease voltage in 0.2V steps.

How to Adjust Stroke Length

- Adjusts stroke between 2.0mm - 5.0mm
- Hold the machine ring securely.
- Turn the battery housing to adjust stroke length:
Clockwise = increase stroke
Counter-clockwise = decrease stroke
- You will feel a ratcheting “click” with each setting. Each click = 0.5mm stroke adjustment.
- Ensure the arrow lines up with your desired stroke length on the machine ring.

Note: Stroke adjustment can be made while the machine is powered on—no need to turn it off.

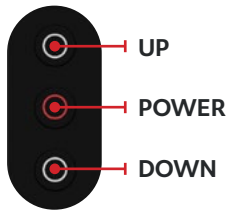
How to Adjust Needle Depth

- Hold the machine ring securely.
- Turn the Grip to adjust needle depth:
Clockwise = increase depth for more needle hang
Counter-clockwise = decrease depth for less needle hang
- You will feel a ratcheting “click” with each turn.
- Each click = 0.2mm needle depth adjustment.

Note: The ratchet system adds a mechanical lock so your grip stays put and won't slip while tattooing.

Note: The FK ONE Adjust is compatible with all FK Irons modular grips.

SCREEN CONTROLS



Memory Save (Voltage/Hertz) Press and hold the Power button for 3 seconds. The display will blink once to confirm the setting is saved.

Change Screen Orientation (Left/Right) Press and hold the Down button and Power button at the same time. *This flips the screen display for left-handed or right-handed use.*

Toggle Display (Voltage/Hertz) Press and hold the Up button and Power button together to switch the display between Voltage and Hertz, depending on your preference.



Battery Life Indicator

4 bars = 100%–75% **2 bars** = 49%–25%
3 bars = 74%–50% **1 bar** = 24%–1%

BATTERY



Removing the Battery

- Ensure the motor is off and wait for machine to enter sleep mode.
- Hold the body of the FK ONE Adjust firmly.
- Grip the cap, turn it counter-clockwise, and pull away.
- Slide the battery out of the housing.



Inserting a New Battery

- Slide the new battery into the housing.
- Ensure the battery is seated correctly so the power leads align properly.
- Avoid direct contact with the power leads while handling the battery.
- Reattach the cap by turning it clockwise until secure

Note: The machine will not power on unless the cap is completely threaded and the arrow and lock icons are aligned.

Recharging the Battery

- Plug the included eFest Slim K2 charger into a wall outlet using the provided USB-C charging cable and a power adapter (not included).
- Insert the **18500A** and/or **18650A** battery into one or both of the charging bays. Match the negative end (-) to the spring and match the positive end(+) to the LED indicator, inserting the negative end first.
- Equipped with low voltage smart activation functionality, the charger works to quickly recharge batteries.
- Charger will automatically shut off when batteries are fully charged.
- Remove the battery and it's ready for use.



ADDITIONAL INFORMATION & TROUBLESHOOTING

Voltage Parameters

The FK One Adjust operates safely between 5V (minimum) and 12V (maximum). Voltage may vary based on your preferred needle configuration or brand. Adjust the voltage to achieve your desired performance within the recommended range.

Warranty

FK Irons warrants that the device will perform efficiently when used as intended. Should this machine prove to be defective due to manufacturing issues, FK Irons will repair/replace the device free of charge within the first two years after purchase.

This warranty will be void if the device shows signs of having been tampered with, disassembled, handled roughly, dropped, overexposed to moisture, used with a cartridge that does not have a membrane, or otherwise damaged in a way that compromises functionality.

Handy Tips

- Depending on your needle cartridge brand, you may need to loosen the grip slightly to enable proper motor function.
- Do not exceed the maximum voltage.
- Use only FDA-approved cold sterilization solutions for cleaning.
- Not autoclavable – do not autoclave.
- Use only Sony, LG, Samsung, and Panasonic branded batteries.

Register Your Machine

Scan the QR code below to register your machine. Registering activates your warranty coverage and keeps you updated with the latest product support.



Need Help?

Customer Support: +1 (855) 354-7667

Email: service@fkiron.com

Tips & Tutorials: [YouTube.com/FKiron](https://www.youtube.com/FKiron)

