



one™

and Wireless for All

USER MANUAL

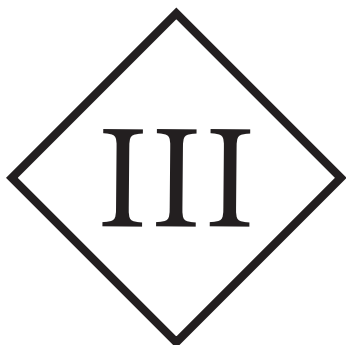


2025

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SAFETY NOTICE

**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.

TECHNICAL DATA

Operating Voltage:	5-12V DC
Current:	UP TO 1.0A
Ambient Temperature:	+10 to +35 °C
Relative Humidity:	30 to 75%
Dimensions (Ø X L):	H172 x W36
Weight:	Approx. 227g (8oz)
Battery Cell:	Panasonic NCR 18500A

**BARRIER PROTECTING YOUR MACHINE**

We strongly suggest the use of barrier products to protect your machine. For a visual demonstration of barrier protection methods, please visit our FK Irons YouTube channel.

This device is only for use by trained tattoo artists and not for use by children or persons of reduced physical, sensory or mental capabilities.

ONE INTRO



FK ONE

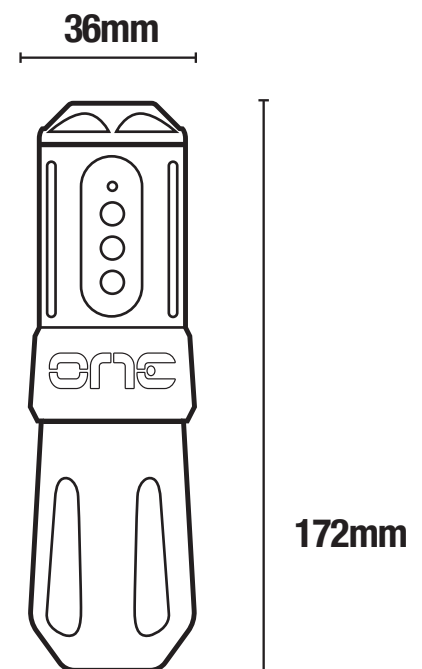
Premium quality. Accessibly priced. Sophisticatedly simple.

OVERVIEW



SPECIFICATIONS

- Output Voltage: 5-12V
- Increment/decrement voltage interval: 0.5 or 0.1V*
- Maximum output current: 1A
- Charger Input: USB-C
- Size: H 172mm x W 36mm
- Weight: Without battery 195g (6.87oz)
with battery 227g (8.00oz)
- Battery Life: ~ 6-10 Hours
(based on operating parameters)



OPERATION

LED indicator:

Solid Color = Whole Value

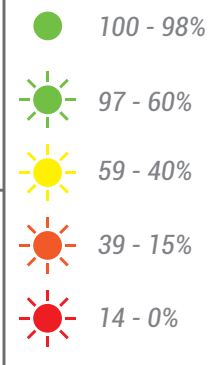
Blinking Color = Half Increment

Ex. Solid green indicates 10V

Flashing green indicates 10.5V

Battery level check: Press and hold power button until white. A blinking colored light indicates remaining charge.

Note: LED flashes while battery charges. Once < 15% is reached, red light will blink alternately with voltage.



LED indicator

Voltage up

Power button

Voltage down



Note: The ONE grip is compatible with the FK Irons modular grips.

OPERATING THE ONE

REMOVING THE BATTERY



CHANGING THE BATTERY

The ONE is compatible with the Panasonic NCR 18500A Flat Top Battery. To detach the cap, ensure you have a firm grip on the body of the ONE and Grip. Turn the cap counter-

clockwise and pull away. Slide the battery out of the battery housing. To replace battery, slide new battery into housing. Battery must sit correctly to ensure power electric leads

align correctly. Avoid contact with the ONE power leads while changing battery. Turn power off before removing battery from machine.

CHARGING YOUR BATTERY

HOW TO
CHARGE
YOUR
BATTERY

First, plug the eFest Slim K2 charger into a wall outlet using the included power adapter. Next, insert the Panasonic 18500A battery into one of the charging bays on the eFest Slim K2 charger. Be sure to insert the battery with the positive (+) end facing up, and the negative (-) end facing down. The eFest Slim K2 charger will automatically detect the

type of battery you have inserted and display the battery life on the screen. Once the battery is fully charged, the eFest Slim K2 charger will automatically stop charging and display a message indicating that the charging process is complete. You can then remove the battery from the charger and use it as needed.

ADJUSTING NEEDLE DEPTH

ADJUSTING
NEEDLE
DEPTH

To adjust needle depth, hold the machine body while turning the Grip. *A counter-clockwise turn decreases depth, while a clockwise turn increases depth (also known as needle hang).*

Each time you turn the grip you can feel the tactile feedback of the ratcheting mechanism. Each “click” displaces your needle 0.2 mm and allows you to set your needle precisely without involuntarily turning while tattooing.

Increases needle depth

Turning the grip as shown increases needle depth.

Decreases needle depth

Turning the grip as shown decreases needle depth.

ADDITIONAL INFORMATION

VOLTAGE PARAMETERS

While voltage is a parameter that will vary from artist to artist, the ONE has been tested to operate at a minimum voltage of 5 Volts to a maximum voltage of 12 Volts.

Depending on the type of needle configuration, or brand you use, feel free to adjust the voltage to obtain the desired performance.

WARRANTY

Darklab warrants that the device will perform efficiently when used as intended. Should this product prove to be defective due to manufacturing issues, Darklab will repair/replace the device free of charge. This warranty will be void if the device shows signs of having been tampered, disassembled, handled roughly, dropped, overexposed to moisture or damage resulting in compromised functionality.

HANDY TIPS

The following tips will help you get the most out of your ONE and avoid potential issues:

- Do not exceed the suggested voltage
- Use only FDA-approved cold sterilization solutions for disinfection
- **NOT AUTOCLAVABLE**

NEED HELP?

Contact customer support +1 (855) 354-7667 or service@fkirons.com

For more tips and tricks, visit [Youtube.com/FKIRONS](https://www.youtube.com/FKIRONS)