

TECC™

arc

GTi

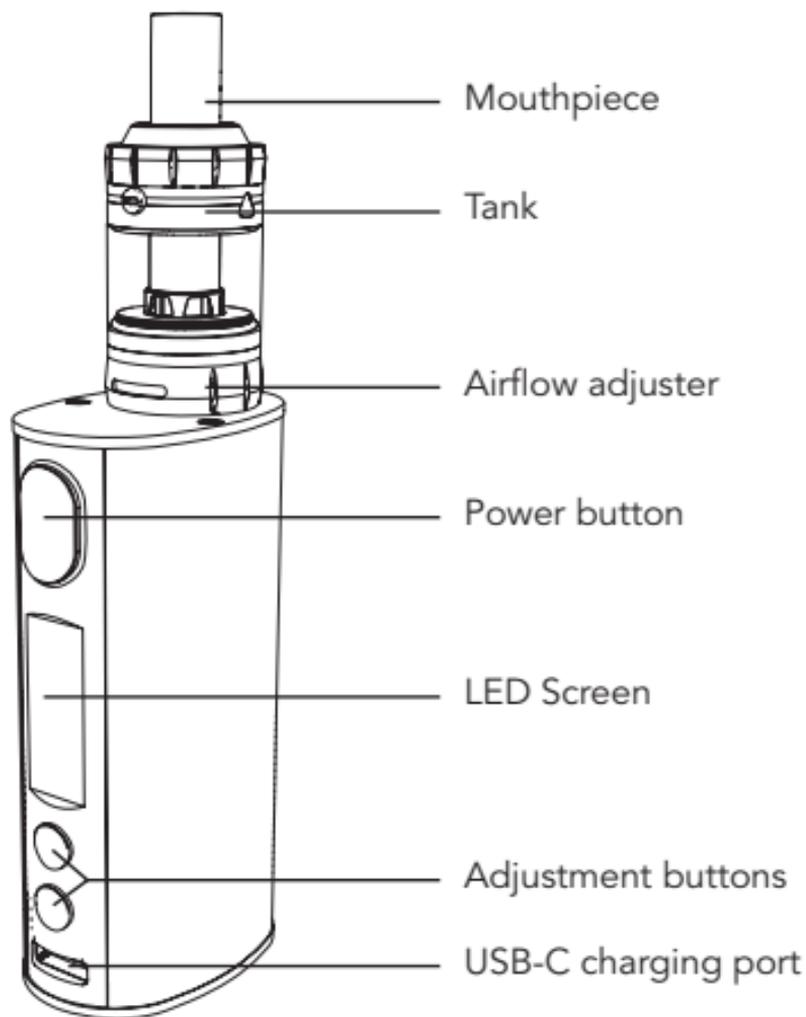


USER MANUAL

CONGRATULATIONS
ON PURCHASING
YOUR
**ARC GTI
ELECTRONIC
CIGARETTE KIT.**



YOUR ARC GTI



QUICK START GUIDE

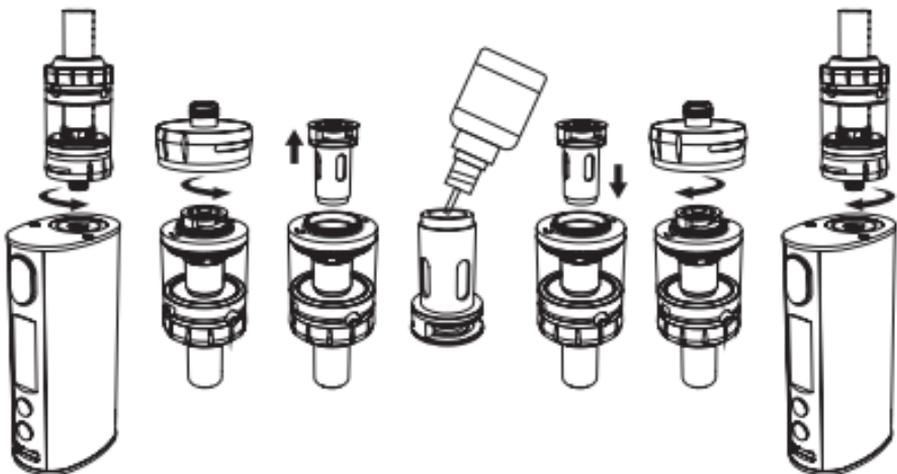
For those familiar with e-cigarettes, the steps below can be followed to allow the device to be used in the shortest possible time:

- Prime the atomizer head
- Fill the tank
- Switch the arc GTi on
(5 rapid clicks of the power button)
- Check the arc GTi is set to 10 watts
- Press the power button and inhale
- Charge the battery (it will possibly not have been shipped with a full charge)

USING YOUR ARC GTI

Priming the Atomizer Head

It is important to “prime” a new atomizer head before first use. Failure to do so can damage the atomizer head. Grip the airflow adjuster and unscrew the tank from the battery. Holding the tank’s glass tube, unscrew the base from the tank. Remove the atomizer head by pulling straight out, drip a few drops of e-liquid onto the cotton wick through the top of the atomizer head and the openings on its sides, and push back into the tank. Screw the base back onto the tank and refit to the battery.

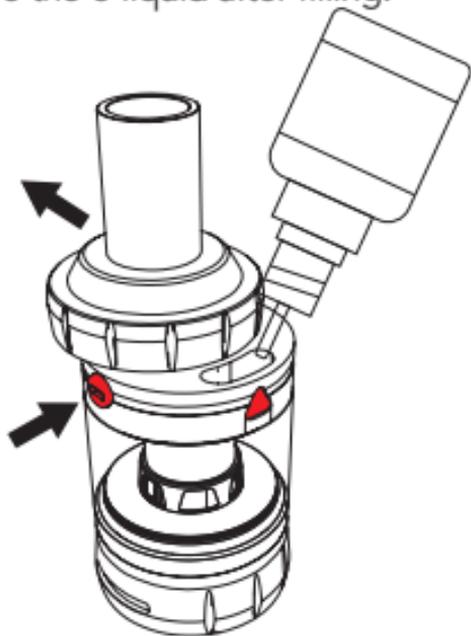


USING YOUR ARC GTI

Filling the Tank

Press the button on the side of the tank to unlock, and slide the tank top in the direction indicated by the arrow symbol. Insert the filling nozzle of your e-liquid bottle into the filling port, and fill the tank, being careful not to overfill. Push the top back into place until you hear a click.

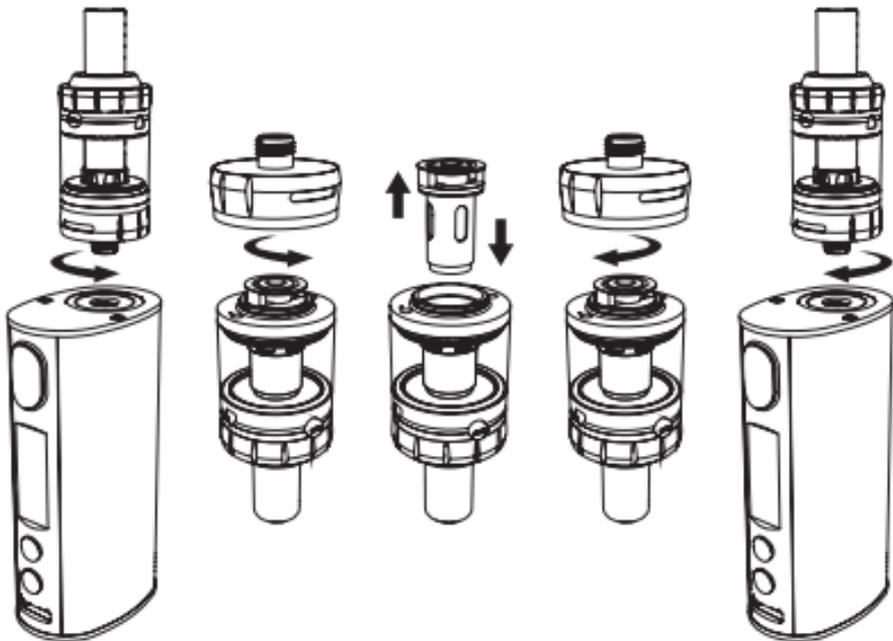
Note: To avoid leaking, ensure an air gap of around 2mm remains above the e-liquid after filling.



USING YOUR ARC GTI

Changing the Atomizer Head

Grip the airflow adjuster and unscrew the tank from the battery. Holding the tank's glass tube, unscrew the base from the tank and remove the atomizer head by pulling straight out. Prime a new atomizer head following the steps found in *Priming the Atomizer Head*, and push into the tank. Screw the base back onto the tank and refit to the battery.



USING YOUR ARC GTI

Atomizer Head Lifespan

Atomizer heads do not last forever and need to be replaced periodically. Lifespan is generally from a few days to several weeks, depending on power used, vaping style, flavour and type of e-liquid. A slight burnt taste, general loss of vapour production, or a reduction in flavour intensity can all be indicators that the atomizer head requires replacement.

Switching On and Off

Press the power button 5 times in quick succession to turn the arc GTi on. To turn the device off again, press the power button 5 times quickly.

Vaping

Press and hold the power button as you inhale the vapour. A puff timer will be displayed on screen.

USING YOUR ARC GTI

Charging the battery

To charge the battery, connect the charge port on the battery to a USB port or suitable wall adaptor with the supplied charge lead; the battery icon on screen will begin to flash with a bolt icon until fully charged. Using a USB-C compatible adaptor will ensure the battery can be charged in the fastest possible time.

Setting the wattage

The arc GTi has adjustable wattage that can be set from 1 – 80 watts. Use the adjustment buttons to increase or decrease the wattage on the battery.

Wattage adjustment lock

The arc GTi's wattage adjustment can be locked to prevent the wattage from accidentally being altered during use. While the arc GTi is powered on, press the up and down adjustment buttons simultaneously for 3 seconds. The screen will display "Key Lock". Repeating this process will return the device to normal operation, and the screen will display "Key UnLock".

USING YOUR ARC GTI

Rotating the display

Pressing the power button and up adjustment button simultaneously for 3 seconds when the arc GTi is powered off will rotate the screen display through 180°. This can be helpful if you are left-handed.

Short circuit protection

If a short circuit occurs whilst the power button is pressed, the screen will display "ATOMIZER SHORT". Replacing the atomizer head should allow normal operation to resume.

Atomizer protection

If the power button is held down for longer than 10 seconds, the device will stop producing any vapour. A message will appear on screen stating "Over 10s Protection" and the device will power off. Releasing the power button will allow for normal operation to resume.

ADVANCED FUNCTIONS

The arc GTi has a number of advanced functions that can be activated, adjusted or turned off entirely. They are functions that you do not necessarily need, and are consequently held in a hidden menu. If you are not the sort of person that wants to worry about this sort of detail, you can ignore them and use the standard factory settings. However, if you are the sort of person that wants to fully customise your vaping experience, read on!

RETURN



DISPLAY



STEALTH



PREHEAT



VERSION



BATTERY VOLTAGE



RESISTANCE LOCK



CUSTOM TCR



ADVANCED FUNCTIONS

Using the advanced function menu

To enter the advanced function menu press the power button and the up button simultaneously for 3 seconds. You can then use the up and down buttons to scroll along the display and access each function. The first function shown is the Return symbol. Pressing the power button with this symbol highlighted, or simply waiting 10 seconds while taking no action, will exit the menu and return the arc GTi to normal operation.

Display information

The arc GTi can display a choice of a puff counter, total vaping time or voltage output beneath the atomizer resistance reading. Use the up and down buttons to select the Display icon, then press the power button. You can then use the up and down buttons to choose your preferred display information, and select it by pressing the power button. Should you wish to reset the puff counter or the total vaping time, pressing the up button for 3 seconds will set the selected counter to zero. Pressing the power button will return the arc GTi to the advanced menu.

ADVANCED FUNCTIONS

Stealth mode

The arc GTi is equipped with provision for “stealth mode”, where normal use will not activate the screen, but a short press of the power button will allow the display to function normally. Pressing the power button when the Stealth icon is highlighted allows stealth mode to be turned on or off, using up and down buttons to highlight, and power button to select.

Preheat

The arc GTi's preheat function allows the atomizer head to heat up quickly by providing additional power for a short period as the power button is pressed. To set the preheat, access the menu by holding the up adjustment button and power button simultaneously. Pressing the power button when the Preheat icon is highlighted allows you to choose your preferred pre-heat power (Power) and heating duration (Duration) up to 2 seconds. Use these setting cautiously, as preheat power much higher than you are normally using can cause damage to your atomizer head. Setting the preheat duration to zero (this is the default setting) disables the preheat function. Preheat power is initially set at 20W.

ADVANCED FUNCTIONS

Version

Selecting the Version icon allows the current hardware and firmware versions to be displayed.

Battery Voltage

Selecting the Battery Voltage icon allows the current internal battery cell voltage to be displayed.

Temperature controlled vaping modes

Temperature Control vaping modes are pre-defined, and should be used only when specific coil materials have been used for atomizer head manufacture, generally nickel (Ni), titanium (Ti) or 316 stainless steel (SS). To select the appropriate temperature control mode, quickly press the power button 3 times to enter the mode selection menu; Then press either adjustment button to cycle between the modes of Ni, Ti, SS, M1, M2, M3, Bypass, Variable Wattage. Press the power button once to confirm the selection.

Note: the atomizer heads supplied with the arc GTi kit are compatible with wattage mode only, and will not work in temperature control mode.

ADVANCED FUNCTIONS

Setting the TCR

TCR (temperature coefficient of resistance) settings allow atomizer heads made from suitable alternative coil materials to be used with effective temperature control. The arc GTi allows 3 different coil materials to be pre-set as M1, M2 and M3. To set the temperature coefficient of resistance to match a particular coil material, quickly press the power button 3 times and select either M1, M2 or M3. Then press and hold the power and right adjustment buttons at the same time to enter the menu. Cycle to the M1-3 symbol and select it using the power button, choose the mode you are currently using and press the power button again. When a specific TCR mode is selected, use the up or down adjustment buttons to increase or decrease it. Leave the arc GTi idle for 5 seconds to confirm your selection.

Note: TCR settings are not generally required for standard coil material. If using standard nickel, titanium or 316 stainless steel coils, TCR settings will not have any advantage over the standard temperature control settings.

ADVANCED FUNCTIONS

Material	TCR Value Range
Nickel	600 - 700
NiFe	300 - 400
Titanium	300 - 400
SS (303, 304, 316, 317)	80 - 200

Note: The TCR value displayed is 10^5 (100,000) times greater than the actual TCR value in standard units of K^{-1}

Adjusting Wattage in Temperature Control/TCR Modes

The maximum wattage that is applied in Temperature Control or TCR modes can be adjusted. Higher wattages allow the target temperature to be reached quicker, while lower wattages increase the time taken to reach the target temperature. Setting the wattage too low may prevent the target temperature from being reached at all. To adjust the maximum wattage, quickly press the power button 4 times to enter the wattage adjustment screen. Increase or decrease the wattage until the desired wattage is reached, press the power button once to confirm the selection.

ADVANCED FUNCTIONS

Temperature Adjustment

When in temperature control or TCR mode, use the up or down adjustment buttons to adjust the temperature from 100°C – 315°C (200°F – 600°F). Lower temperature settings give a cooler and less dense vapour. Higher temperature settings produce hotter vapour and larger clouds of vapour, but can lead to poor flavour or even a burnt taste. Experiment to find your own favourite setting.

Note: The screen displaying “TEMPERATURE PROTECTION” is not an error or fault; it means the atomizer head has reached or exceeded the set target temperature.

Switching between °C and °F

Press and hold the up adjustment button to increase the maximum temperature to 315°C or 600°F, then press the up adjustment button once more. The unit of measure will switch to Fahrenheit if previously in Celsius mode, or Celsius if previously in Fahrenheit mode. The same can be achieved by pressing and holding the down adjustment button.

ADVANCED FUNCTIONS

Atomizer Head Resistance Lock

Locking an atomizer head's resistance in a temperature control mode is necessary, as the device measures the change in resistance to calculate the temperature. To lock the resistance of your atomizer head, in a temperature control mode, press the power button and up adjustment button, select the Resistance Lock setting from the menu and turn on. The resistance of an atomizer head should only be locked when the atomizer head is at room temperature.

KIT CONTENTS / SPECIFICATIONS

Kit contents

- 1 x arc GTi battery
- 1 x GT Air tank
- 2 x GT 1.2ohm atomizer heads
- 1 x USB-C cable
- 1 x User manual
- Spare parts

Specifications

Dimensions: 120mm (length) x 35mm (width)
x 28mm (depth)

Weight: 159g

Battery capacity: 3000mAh

Output modes: VW,VT (Ni, Ti, SS)/TCR (M1, M2, M3)

Wattage range: 1 – 80W

Maximum charging current: 2.0A

Screen size: 0.96 inch

Tank/Battery connection: 510 connection

Maximum tank diameter: 25mm

Atomizer head resistance compatibility:

0.05 – 3.5ohm (wattage mode)

Atomizer head resistance compatibility:

0.05 – 1.5ohm (TC/TCR mode)

ADDITIONAL PRODUCT INFORMATION

There are no reported medical side effects with this product. If you believe you experience a side effect, please contact the manufacturer.

Product Storage and Battery Precautions

- Store the arc GTi and its accessories away from children when not in use.
- Ensure the arc GTi is powered off when not in use.
- Avoid accidentally pressing the arc GTi power button when not in use.
- Please only use the charging cable provided.
- Please dispose of dead batteries in accordance with your country's appropriate legislation.
- Do not charge the batteries in a damp environment.
- Do not use the device when temperatures are outside the range -10 - 60°C.
- Do not charge the battery when temperatures are outside the range 0 - 45°C.
- Do not attempt to repair a faulty arc GTi as these are sealed units with no serviceable parts. Attempted repairs will void the warranty.

WARRANTY

The arc GTi kit has a 6 months parts warranty, with the exception of Atomizer Heads, which are consumable items and covered by "dead on arrival" warranty only. The USB cable supplied has a 12-month warranty. If any parts are found to be faulty within this time please contact our customer service team, whose details are on the back page of this booklet and we will arrange for a replacement. We may require the goods to be returned for further investigation.

TECC™

arc GTi

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