TERPTORCH

Stirring & Tamping Tool

← LED Display

← Power Button
← Temp Up Button
← Temp Down Button

Heating Chamber

CAUTION! This part gets extremely hot!
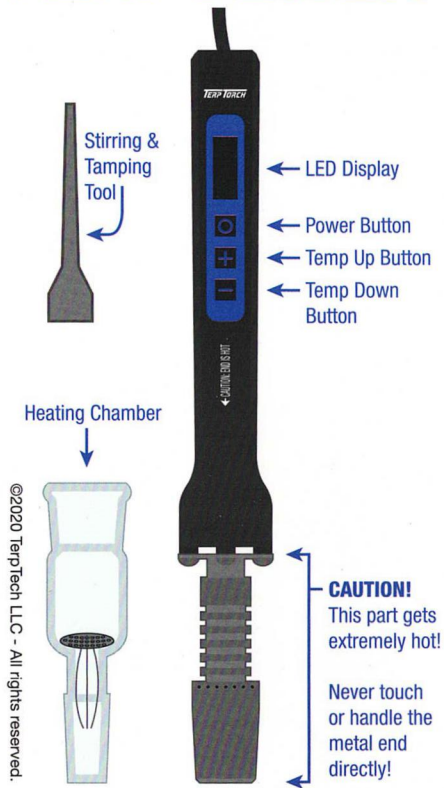
Never touch or handle the metal end directly!

Herb Chamber Cleaning Instructions:

After you've dumped out all of the material in the glass heating chamber, you can perform a quick cleaning while the chamber is still warm* by wiping the inside walls of the glass and then blowing sharply out through the 14mm male connector while pointing the open 18mm end toward an appropriate waste receptacle. Be careful as the top of the chamber can be quite hot after use!

For deeper cleaning, the entire herb chamber can be soaked in alcohol as one piece, or the screen and clips that hold the screen in place can be pushed out from the bottom of the herb chamber so that everything may be soaked and cleaned separately.

Herb Chamber Disassembly:

The stirring end of the included tool can be used to push screen assembly out from the bottom (the 14mm end) of the glass chamber. After which the spring clips can be individually removed for more thorough cleaning.
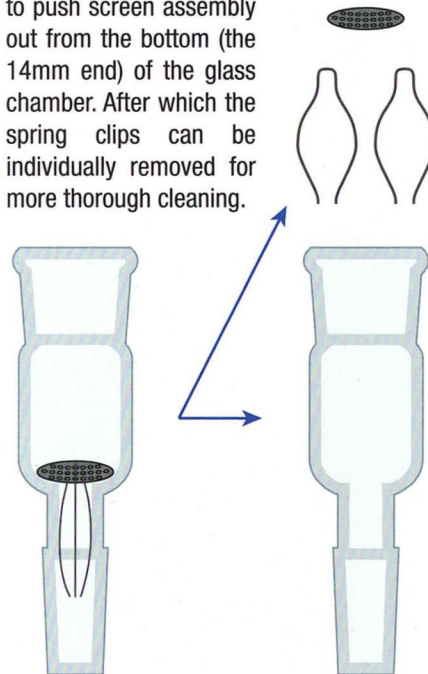
TERPTORCH
User Guide

TERP TECH

Operation Instructions:

1. Secure device on stand, making sure the metal end is not touching or too close to anything that could be damaged by high heat.

2. Plug device in, and press the ⬜ power button to turn the unit on.

3. Use the ➕ & ➖ buttons to find your temperature setting of choice. We recommend starting with preset 3 (751° F) and adjusting from there as needed.

4. Prepare the glass chamber while unit warms up (~5 min) by loading it with 0.3g to 0.75g of coarsely ground material then lightly tamping the material in the chamber with the included tamper/stirrer tool.

5. Place your chamber on a water piece with a 14mm female ground glass joint.

6. Take the TerpTorch™ from its stand, insert the metal tip into the top of the glass heating chamber and hold it in place as you draw from your water piece.

7. As you complete your draw, carefully remove the TerpTorch™ from the heating chamber and replace it on its stand.

Please Note: During and for a short while after use the top of the glass chamber will be very hot and so you'll want to avoid touching it there. Instead, handle the chamber by the neck just above the 14mm connector where it stays coolest. You can also use a keck clip on the neck of the chamber, to give you a point of contact that will always be completely cool to the touch.

Neck

8. Use the included tool's stirrer end to mix around the material in the chamber, then flip the tool around and use the tamper end to lightly tamp down the material again.

9. Repeat steps 6-8 as necessary!

10. Press the power button on the unit to turn the TerpTorch™ off after your session. The screen will say 'OFF' when turned off.

IMPORTANT:
The titanium end of the TerpTorch™ will get very hot, quickly, with normal operation. Do not attempt to touch or handle the titanium end of the unit unless it is turned off and has had adequate time to cool.

WARNING:
Misuse of this product could lead to property damage or injury.

Safety Precautions:
To avoid electric shock, injury, or fire hazard, the following basic safety precautions must be observed when using this product.

- Keep away from flammable goods.
- Keep out of the reach of children.
- Do not handle near water, in high humidity, or with wet hands to avoid electric shock.
- Turn power off and store properly when not in use.
- Do not modify or disassemble.
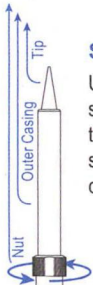
Disclaimer:
TerpTech LLC takes no responsibility for any personal injury or property damage caused by negligent or irresponsible use of this product. Please use responsibly!

TERPTORCH

ASSEMBLY INSTRUCTIONS

Step 1

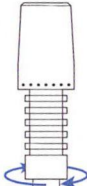Unscrew the nut securing the soldering tip's outer casing, then slide off the nut, outer casing, & soldering tip.

WARNING:

Make sure your unit is unplugged from wall / power-supply before assembing!
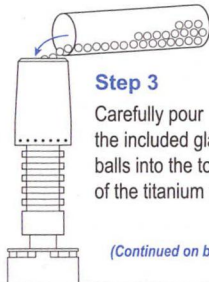
Step 2

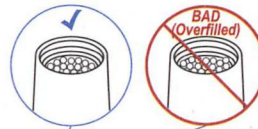Screw the TerpTorch titanium tip assembly onto the soldering iron. (Finger tight, do not over tighten.)

Step 3

Carefully pour the included glass balls into the top of the titanium tip.

✓   **BAD (Overfilled)**

NOTE: Attempting to install the retaining screen in an overfiled chamber will result in damaging the screen!

Step 4

Use the tip of your index finger to gently move the balls around a bit, to make sure they are well-seated in the chamber and sitting below the lip where the retaining screen and clip will sit. The provided glass balls should fit the chamber without overfilling. Simply remove as many balls as needed should overfilling occur.
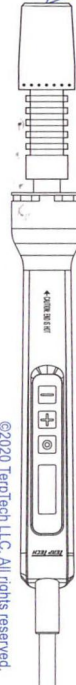
Clip

Screen

Step 5

Gently set retaining screen in tip so it sits flat/level on its lip.
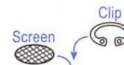
Step 6

Use circlip pliers to install the circlip into its groove just above the retaining screen. Carefully inspect clip to make sure it is properly seated, then shake unit upside down briefly to make sure everything is secure. *All done!*

Run for 10 minutes at highest temp setting before first use!

TerpTech

SOLDERING IRON
Model TTI-01

User Manual

CE ESD SAFE RoHS REACH

The soldering iron needs to be tested before it leaves the factory, so the soldering tip may cover a small amount of tin, and the casing will be slightly yellowing, which is a normal phenomenon.

1.Copyright information

The design of this product(including internal software) and its accessories is under the protection of relevant state laws.Any violation of the relevant rights of our company will be subject to legal sanctions.Users shall consciously abide by the relevant state laws when using this products.

2.Disclaimer

TerpTech LLC takes no responsibility for any personal injury or property damage caused by negligent or irresponsible use of this product.

3.Safety precautions

⚠ Warning	Misuse of this product may lead to serious injury or death to the user.
⚠ Caution	Misuse of this product may lead to serious injury to the user or material damage to the object involved.

To avoid electric shock or injury to the human body or fire hazard,the follwing of basic rules must be observed when using the equipment.In order to ensure personal safety,only parts and accessories approved or recommended by the original factory can be used, otherwise serious consequences may occur!

⚠ WARNING

When using this product, the soldering pencil/soldering tip, with the temperature up to 302-896°F, may cause burns to the user or cause a fire due to improper application. So Users shall strictly observe the following rules:

- Keep this product away from flammable materials.
- Keep the product out of children's reach.
- Do not use this product if you are inexperienced or have no sufficient necessary knowledge without the guidance of related personnel.
- Do not use this product under wet environment or with wet hands to avoid electric shock.
- Do not modify this product and its accessories without authorization.
- Please turn off the power when replacing parts and iron tips, and not resume the use until the equipment is completely cooled down.
- Please use the accessories from the original factory when replacing the product parts.
- Make sure to turn off the power switch when the equipment is temporarily stopped or out of use.

3.Essential knowledge for users

Users are required to have basic knowledge of common sense and electrical operations before using the product.
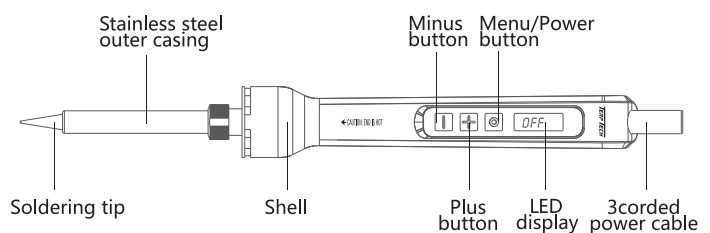
4.Product overview

This product is a portable, temperature-adjustable, high-temperature control soldering iron. The ceramic heating core uses a three-core grounded power cable to effectively ensure the safety of the soldering operation.

5.Features

- Unit automatically sleeps after 10 minutes and shuts down after 20 minutes when not in use.
- LED display
- Ergonmically designed handle
- Ceramic heating core with built in temperature sensor provides precise temperature control

Product feature

Stainless steel outer casing
Minus button
Menu/Power button
Soldering tip
Shell
Plus button
LED display
3corded power cable

6.Specification

Voltage	110VAC
Power	65W
Temperature range	482°F~896°F
Temperature accuracy	+59°F / -50°F
Temperature stability	± 35.6°F
Heating indication	Blue LED
Temperature unit	°F/°C
Display method	LCD

Operational Guide

A .Switch function

Turn on the device with a short press of the menu/power button. When on, the screen will display the temperature as shown in picture 1. When turned off, the screen will display "OFF" as shown in picture 2.
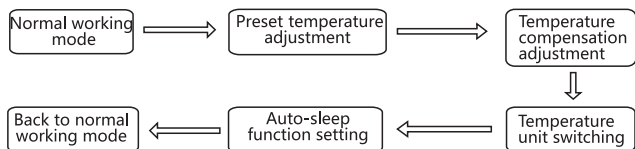

Picture 1   Picture 2
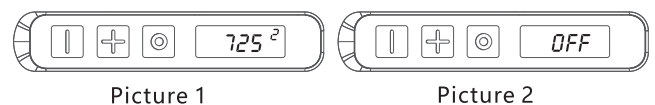
B.9 groups shortcut temperature adjustment

In the working state, press the " + " / " - " buttons to switch through the temperature presets. The nine default temperature settings are:
701°F / 725°F / 751°F / 776°F / 801°F / 826°F / 851°F / 876°F / 896°F

C.Setting mode

Normal working mode → Preset temperature adjustment → Temperature compensation adjustment

Back to normal working mode ← Auto-sleep function setting ← Temperature unit switching ⇓

While in the normal working state, the current temperature is displayed in the middle of the screen, and the the current temperature preset (1 through 9) is indicated in the top right corner of the display. To enter the settings mode, hold down the power button until the temperature display begins flashing. This is the first setting:

(1)Preset temperature adjustment

This setting allows you to change the temperature preset that was active when settings mode was entered. To adjust the temperature for that preset, press the " + " / " - " buttons until the desired temperature setting is flashing on the display. You can hold down either button to scroll through temperatures in either direction faster.

Tap the power button to view the next setting (or continuously tap the power button until the current temperature is again dislpayed to exit settings mode).

(2)Temperature compensation adjustment

The temperature compensation setting should generally be left untouched, but if needed temperature compensation can be adjusted by pressing the " + " / " - " buttons to adjust compensation ± 90 ℉.

Tap the power button to view the next setting (or continuously tap the power button until the current temperature is again dislpayed to exit settings mode).

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(3)Temperature unit switching

The termperature unit setting allows you to toggle the temperature display unit of measurement between Celcius and Fahrenheit by pressing the " + " or " - " buttons.

Tap the power button to view the next setting (or tap the power button twice, until the current temperature is again dislpayed to exit settings mode).

(4)Auto-sleep function ON/OFF

This setting allows you to toggle the auto-sleep / auto-shutoff setting. When set to 1 (default) the setting is ON. This means the soldering iron will fall back to a lower temperature after 10 minutes of inactivty (movement), and will suto-shutoff after 20 minutes of inactivity. This setting can be toggled to 0 (or OFF) by pressing the " + " or " - " buttons. When off the unit will NOT sleep or auto-shutoff, making it extremely important to remember to turn the unit off after use.

This setting is set ON by default to preserve the lifespan of the heater core, and is recommended to only be turned off by responsible and experienced users only.

Tap the power button to return to the normal working mode.

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D.Heating

When the heater is active, the power button LED flashes. The LED brightness varies in correllation with the heaters power level.

E.Troubleshooting

When " H-E " is displayed on the screen, this is an indication that the heating element has failed.

When " S-E " is displayed on the screen, this is an indication that there is a fault in the temperature sensor or its related circuit.

1-Year Limited Warranty

The housing and electronics of this unit is covered under warranty for a period of 12 months from the date of purchase, against defect in materials and workmanship. Should a warranty issue arise, please contact us for an RMA number, and return shipping instructions.

Because the lifespan of the heating core (which also contains the temperature sensor) will vary depending on useage, that item is not covered against failure, as it is considered a consumable. However, we will make available a program to purchase a discounted replacement unit should one be needed within 12 months of the date of purchase, with proof of purchase.

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