



## General Safety Summary

- For safety concerns, use parts such as: thermal insulation sleeve, earth clamp, appropriate power cord.
- For the first time using, TS100 may generate a light smoke due to the heating of heating elements, which is a normal phenomenon.
- After continuous use up to 40 minutes, the handle surface temperature will reach 50°C~60°C.
- While TS100 is heating, DO NOT touch the metallic parts near the tip and DO NOT remove/replace the tip.



## Specifications

Preset temperature		300°C(Initial setup)
Power saving temperature		200°C(Initial setup)
Operating voltage	Power	The fastest time to heat up (from 30°C to 300°C)
12V	17W	40s
16V	30W	20s
19V	40W	15s
24V	65W	11s

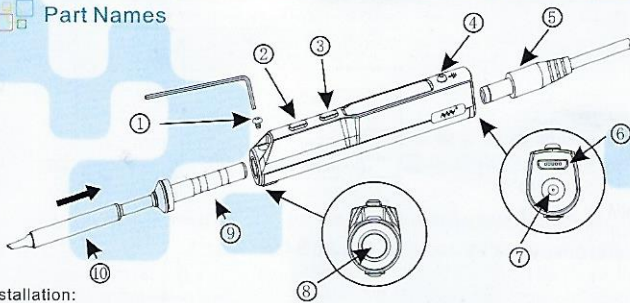


## Firmware Upgrade

1. Visit [www.miniware.com.cn](http://www.miniware.com.cn) and download the latest TS100 firmware to your PC.
2. Connect TS100 to your PC with USB data cord, meanwhile, press TS100's Button A to enter DFU mode once a "DFU.1.0" notice appears on the screen. A virtual disk with 8 serial numbers will appear on your PC.
3. Copy the hex firmware to the root directory of that disk. When the extension of the firmware changes from "hex" to "rdy", disconnect USB and the firmware is upgraded.



## Part Names



1. The tip setscrew
2. Button A
3. Button B
4. The ground wire setscrew
5. Power connector
6. Micro USB
7. DC5525 12-24V port
8. Soldering tip port
9. Soldering tip connector
10. Soldering tip heating end

### Installation:

1. Loosen the tip setscrew, insert the soldering tip connector and tighten the screw;
2. Connect the ground wire to the ground wire setscrew ;
3. Connect the DC connector to TS100, connect the power cord and turn on the power accordingly.