

# JBC

[www.jbctools.com](http://www.jbctools.com)



## TI-A

THERMOMETER FOR  
SOLDERING IRONS

# TI-A / THERMOMETER FOR SOLDERING IRONS

TI-A  
THERMOMETER



0780476  
CABLE CONNECTOR



MANUAL



## CHECKING THE SLEEP TEMPERATURE



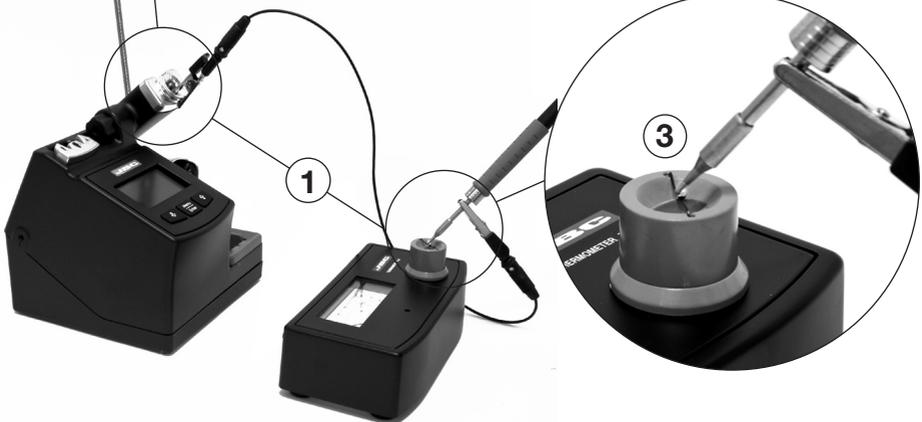
1. Connect the ends of the cable to the metal parts of the stand and the handpiece.

2. The soldering tip must be well tinned.

3. Apply solder in the center of the sensor.

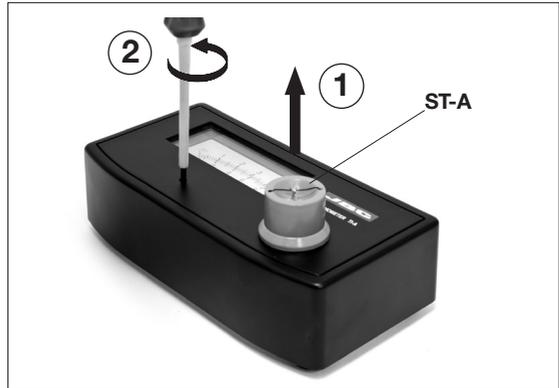
4. Wait a moment until the read temperature stabilizes.

5. Read the temperature.

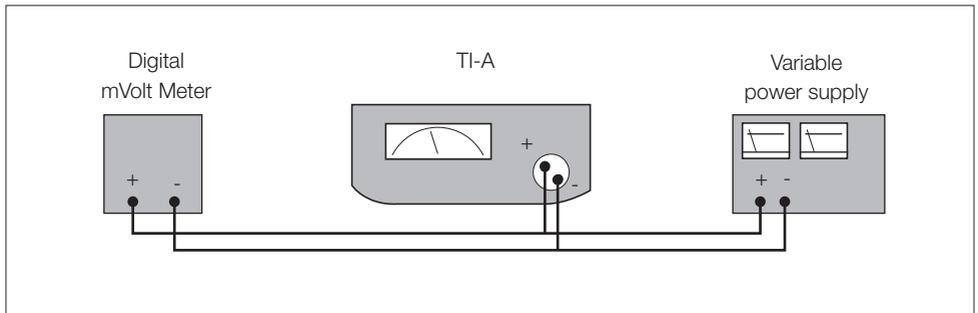


## CALIBRATION OF TI-A

1. Pull out the sensor
2. Adjust at an ambient temperature with slotted screw driver.



3. Wiring like the drawing below.



4. Apply a voltage of 23.65mV and verify the temperature shown in the thermometer is 350°C (662°F)
5. Take note of the deviation to correct future measurements.
6. Insert the sensor ST-A.

**NOTES:** - Thermometer can be adjusted through the potentiometer you will find inside the unit.  
- The calibration date is on the label on the bottom

## TECHNICAL SPECIFICATIONS

---

- Temperature range from 21 to 500°C (69-920° F) (±5%)
- Type of thermocouple: E (NiCr-CuNi)
- Ambient temperature correction: Fixed at 20°C (68° F)
- Display resolution: 10°C (20°F)
- Total weight of unit: 0.7 Kg
- Complies with CE standards on electrical safety, electromagnetic compatibility and ESD protected housing "skin effect".
- RoHS compliant.



This product should not be  
thrown in the garbage.

# JBC

---

### WARRANTY

JBC's 2 years warranty guarantees this equipment against all manufacturing defects, covering the replacement of defective parts and all necessary labour.

Warranty does not cover product wear due to use or mis-use.

In order for the warranty to be valid, equipment must be returned, postage paid, to the dealer where it was purchased enclosing this fully filled in, sheet.

---

SERIAL N°

---

STAMP OF DEALER

---

---

DATE OF PURCHASE

---

**[www.jbctools.com](http://www.jbctools.com)**