

# JBC

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# AL

## SOLDER FEED STATION

# AL / SOLDER FEED STATION

**AL-2A /1A /9A**  
**CONTROL UNIT**



**AL-SC**  
**STAND**



**AL250-A**  
**SOLDERING FEED IRON**



**PRE ASSEMBLED:**

**0002401 GUIDE SET**  
**(Ø0,9-Ø1mm solder wire)**

**C250403**  
**CARTRIDGE**



**OPTIONAL GUIDE SETS**  
**(NOT SUPPLIED):**

**0002399 Ø0,4-Ø0,5mm**

**0002402 Ø0,6-Ø0,8mm**

**0002843 Ø1,1-Ø1,5mm**

**0008745**  
**SOLDER REEL STAND**



**CL9885**  
**TIPS CLEANING STAND**



**CL6217**  
**BRUSH**



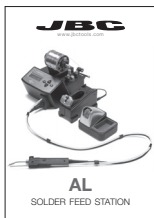
**S0354**  
**SPONGE**



**POWER CORD**



**MANUAL**



**MANUAL**



**MANUAL**



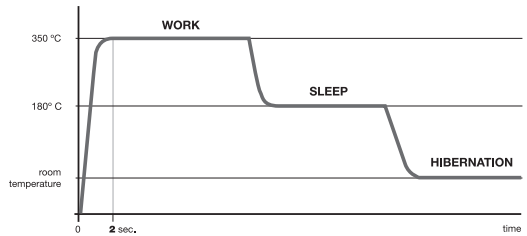
## HEAT MANAGEMENT

JBC stations intelligently manage the tool tip temperature:

**Work mode:** Lift tool from the stand and the tool tip heats up to the selected temperature.

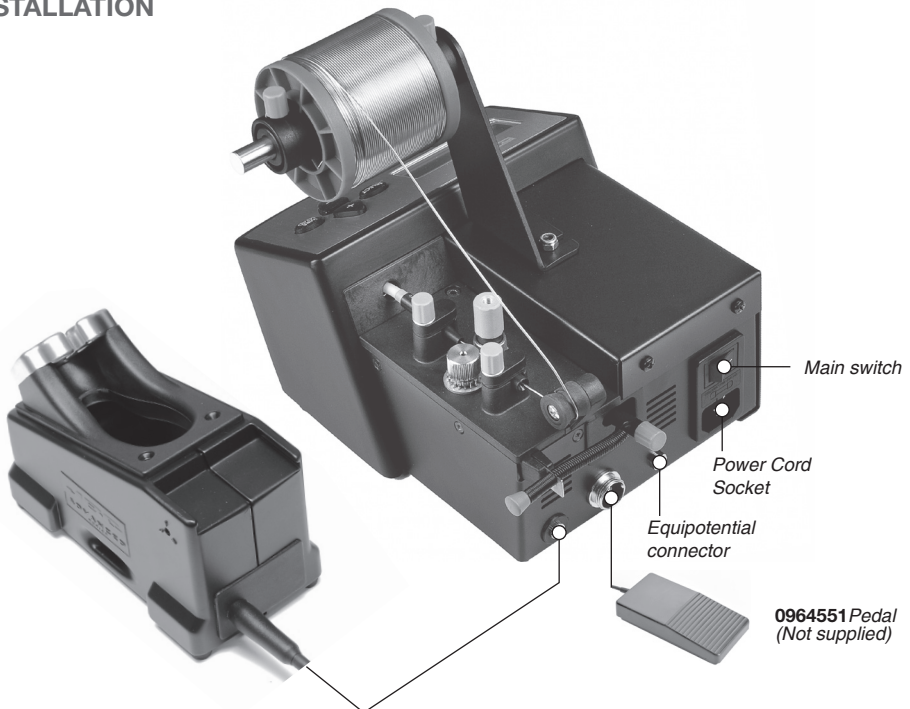
**Sleep mode:** When the tool is in the stand, the temperature reduces (preset sleep temperature is 180°C / 360°F).

**Hibernation mode:** After longer periods of inactivity (pre-set to 30 minutes), the power is cut off and the tool cools down to room temperature.



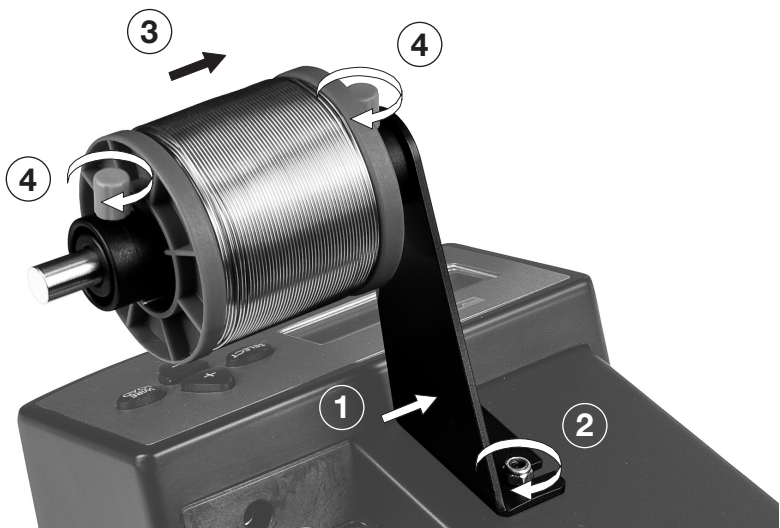
**Heat management increases tip life which reduces cost of ownership.**

## INSTALLATION

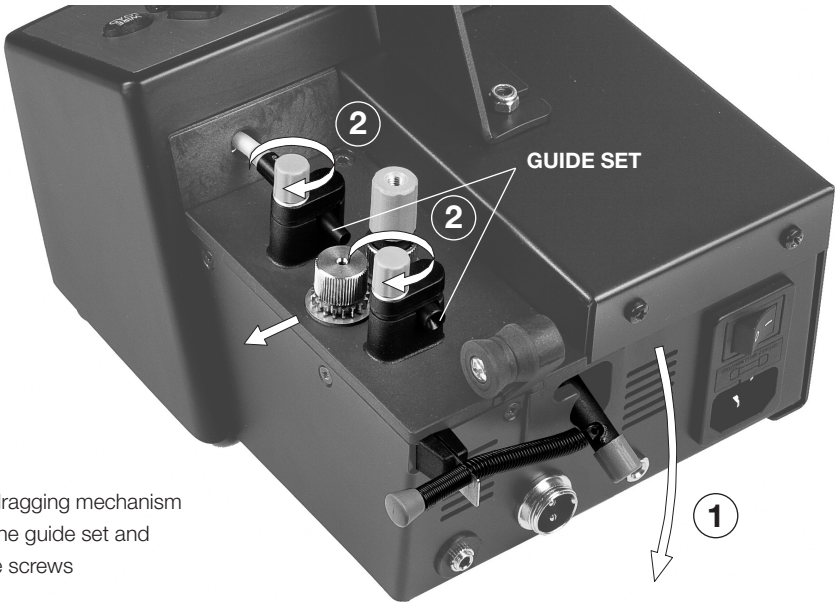


# AL / SOLDER FEED STATION

## REEL STAND ASSEMBLY

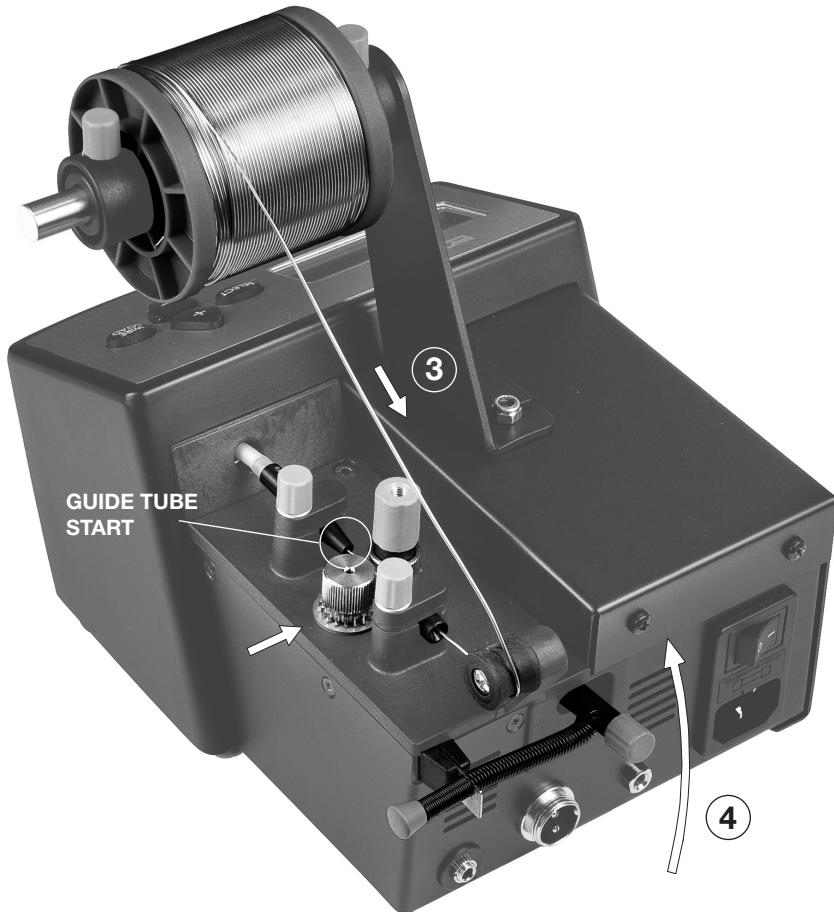


## GUIDE SET ASSEMBLY



- 1. Open dragging mechanism
- 2. Place the guide set and tighten the screws

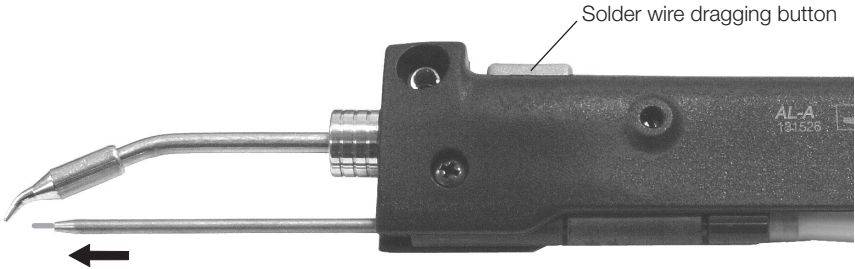
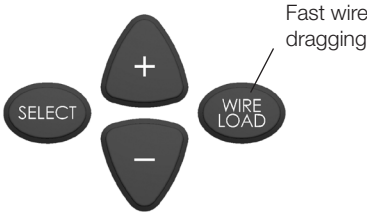
3. Take the solder wire from the reel until the guide tube start.
4. Close the dragging mechanism



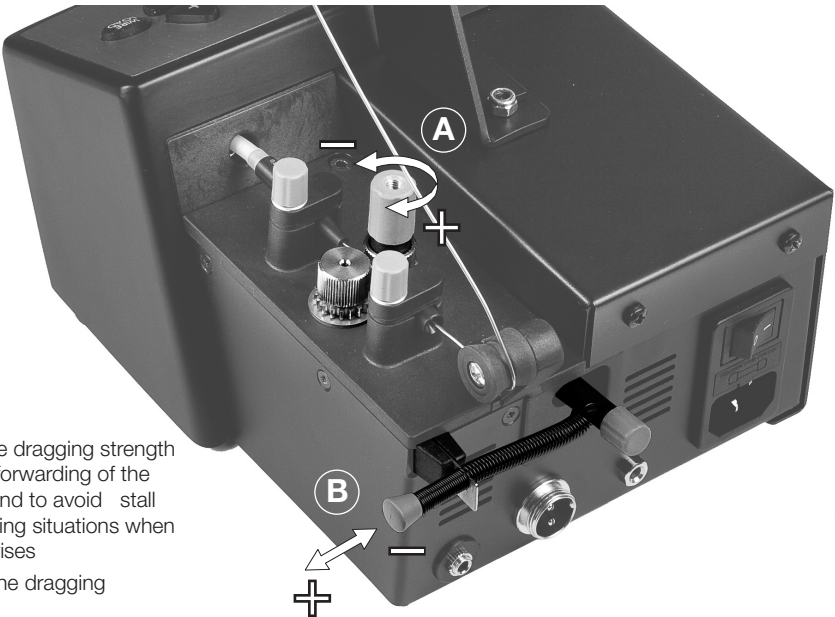
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5. Connect the handpiece to the station and switch it on. With the handpiece out of the stand, press the WIRE LOAD key till the solder leaves by the end of the guide tube.

LOADING  
SOLDER WIRE



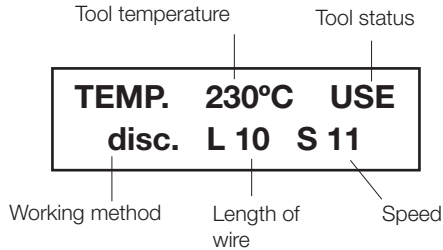
## CLUTCH REGULATION



**A.** Adjust the dragging strength to allow the forwarding of the solder wire and to avoid stall and or clogging situations when any cause arises

**B.** Tighten the dragging mechanism

## CONTROL SCREEN



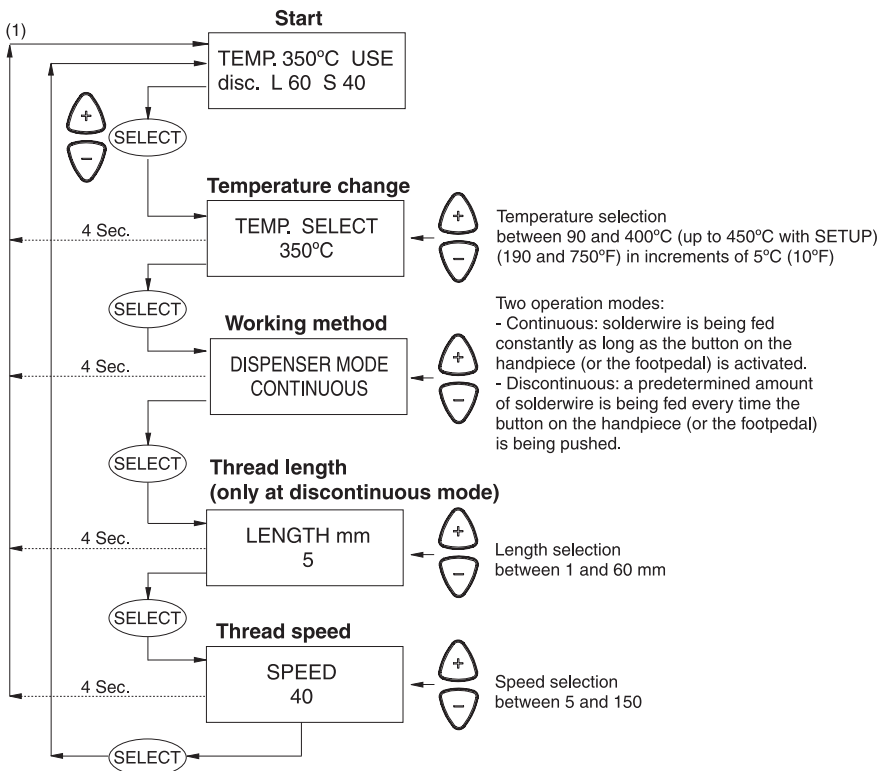
There are 4 tool status:

**USE** (Use). The tool is ready to work.

**STD** (Stand). The tool is placed in the stand but still not in the sleep mode.

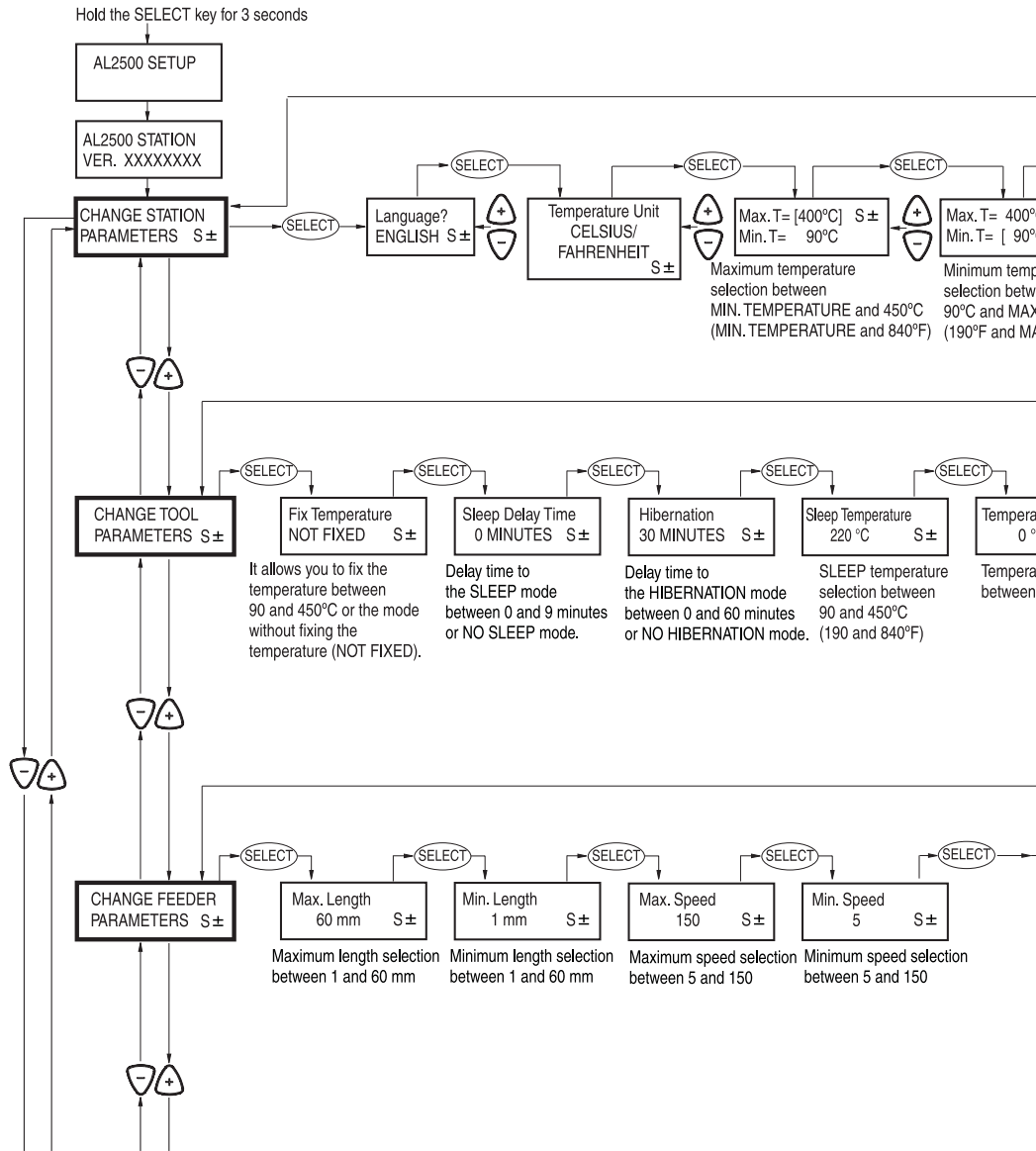
**SLP** (Sleep). The tool is in the sleep mode in the stand, its temperature has dropped till the sleep temperature.

**OL**. The power circuit is overheated. The power is temporarily not supplied.



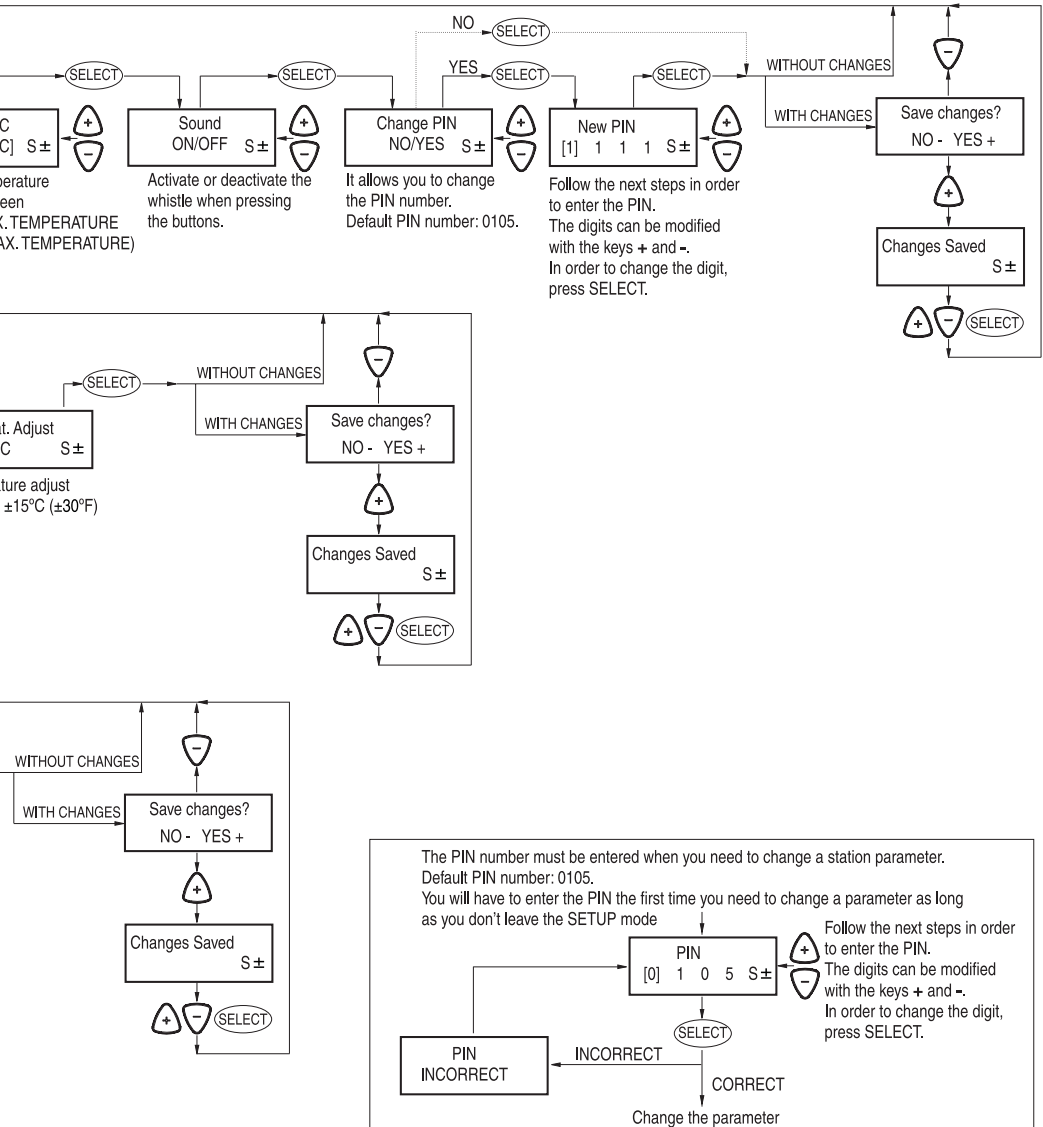
# PARAMETERS MODIFICATION OF THE TOOL AND THE STATION

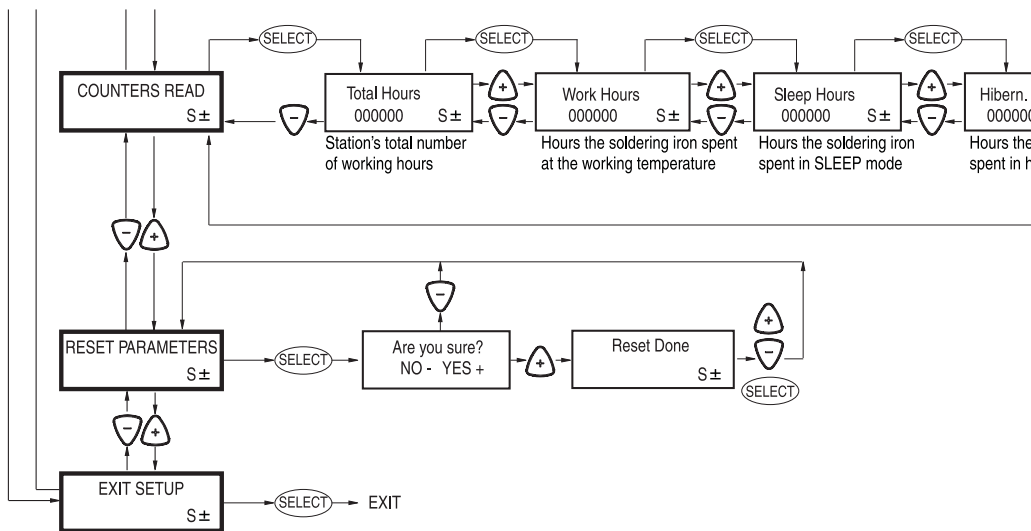
To enter into this mode, you must hold the SELECT key for 3 seconds

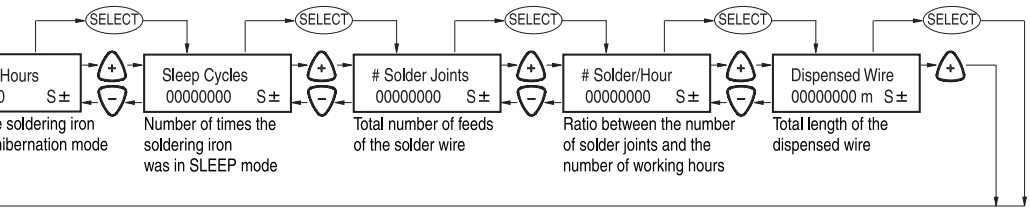


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## TECHNICAL SPECIFICATIONS

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- Temperature selection from 90°C (190°F) to 450°C (840°F) (±5%)
- Power: 130W
- Safety transformer, mains separator and double isolation, with temperature protection fuse
- **AL-2A** 230V 50/60Hz. Input fuse: 1A. Output: 23.5V
- **AL-1A** 120V 50/60Hz. Input fuse: 2A. Output: 23.5V
- **AL-9A** 100V 50/60Hz. Input fuse: 2A. Output: 23.5V
- Total weight: 5.8 kg (12.9 lb)
- Complies with CE standards on electrical safety, electromagnetic compatibility and ESD protected housing "skin effect"
- RoHS compliant
- Equipotential connector and the tool tip are connected to station mains ground supply for ESD protection



This product should not be  
thrown in the garbage.

# JBC

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### 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.

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SERIAL N°

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STAMP OF DEALER

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DATE OF PURCHASE

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