

# **JBC** AL Auto-Feed Soldering Station



AL station works with the comfortable AL250 Auto-Feed Iron and C250 cartridges.

It is the ideal solution for soldering processes requiring a free hand.

With a single press of a button, the tool automatically feeds the precise amount of solder programmed in the station. This feature makes the AL the perfect tool when solder amount consistency is required across repetitive solder joints.

It provides the best soldering quality thanks to JBC Most Efficient Soldering System and additionally Sleep & Hibernation modes help to extend life of tips.

Wire dispensing speed and length are easy programmable.

Available guide sets make this tool compatible with 0.4 to 1.8 mm solder wire.

## REFERENCES

**AL-1A** 120 V

**AL-2A** 230 V

**AL-9A** 100 V

## PRODUCT COMPOSITION

- 1 AL auto-feed
- 1 AL250-B Auto-Feed Iron
- 1 AL-SE Stand for AL250 Auto Feed Iron
- 1 C250403 Conical Bent Ø 1 for AL250 & AP250
- 1 CL8499 Manual Tip Cleaner
- 1 0002401 Guide tube AL Ø 0.9 - 1 mm

## SPECIFICATIONS

### SELECTABLE PARAMETERS

**Selectable Temperature** 90 to 450 °C / 190 to 840 °F

**Solder wire length** 1 to 60 mm / 0.04 to 2.36 in

**Solder wire speed** 0.5 to 30 mm/s / 0.02 to 1.2 in/s

**Operating modes** Continuous / Discontinuous

### SOLDER COMPATIBILITY

**Wire diameter** 0.4 to 1.8 mm / 0.02 to 0.07 in

## SPECIAL FEATURES

### Sleep and Hibernation mode

These modes lower soldering tip temperature when the tool rests in the stand in order to avoid oxidation and extending tip life.

### Max/Min temperature and solder wire length/speed:

Limits the ranges of temperature, solder wire feeding length and speed in which the operator is allowed to work.

### PIN protection

Keep station parameters protected against unauthorized access.

## ESD/EOS

### ESD safe

#### Tip to ground resistance

<2 ohms

#### Tip to ground voltage

<2 mV RMS

## POWER SUPPLY

### Peak power

130 W - 23.5 V

### Ambient operating temp.

10 to 40 °C / 50 to 104 °F

## DIMENSIONS AND WEIGHT

### Control Unit

195 x 200 x 240 mm / 5.81 kg  
7.7 x 7.9 x 9.4 in / 12.81 lb

### Package

368 x 368 x 195 mm / 6.72 kg  
14.5 x 14.5 x 7.7 in / 14.82 lb

## CONNECTABLES

Compatible tools

Auto-Feed Iron  
AL250-B



Stands

Stand for AL250  
Auto Feed Iron  
AL-SE



Accessories

Pedal  
P-005



Hands free  
soldering arm for  
AL  
AL-IA



Guide Tube Sets  
for AL250  
GUIDE SETS



Solder Reel Stand  
BE-SB

