

Auto-Feed Soldering Station

AL

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.



120 V Ref. AL-1A
230 V Ref. AL-2A
100 V Ref. AL-9A

Specifications

Selectable parameters

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.

Product Packaging

Modular System	AL auto-feed
Tools	<u>AL250-B</u>
Cartridges	<u>C250403</u>
Accessories	<u>0002401</u>

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
Voltage (AC)	Ref. AL-1A - 120 V
	Ref. AL-2A - 230 V
	Ref. AL-9A - 100 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



Documentation

Manuals
Automatic solder feed Manual
Guide tube sets for AL250 Manual

Exploded View
AL-A Exploded View from series 130500
AL-A Exploded View from series 142556
AL-A Exploded View from series 155490
AL-A Exploded View form series 195055