

in-built Password Lock Function & Digital Temperature Calibration provision

Wide range of Hot Air Nozzles are available to solder and desolder Fine-Pitch QFPs, PLCCs and SMD ICs up to 42.5x42.5mm size

[Click here to view Video](#)



Features

Rework Section

- High heat power and high air flow volume provides easy and fast desoldering of large QFPs & PLCCs
- Variety of Hot Air Nozzles available for different sizes of SMD ICs like QFPs, PLCCs, SOPs.
- Push Buttons for precise temperature adjustment
- Precise temperature control, not affected by airflow
- Has a powerful maintenance-free **Brushless** Motor
- Airflow is adjustable with Push Buttons
- In-built password protection and key-lock functions
- Auto-sleep feature allows system to go into stand-by mode to prolong the life of heater.
- Auto cooling also prolong the life of heater and protect the handle from heating

Specifications Soldering Section

Power Consumption	: 90W
Temperature Range	: 50°C ~ 500°C
Sleep Temperature Range	: 50°C ~ 200°C
Sleeping Time Range	: 0 ~ 250min
Temperature Stability	: ±2°C (stationary air, no load)
Tip to Ground Resistance	: <2Ω

Soldering Section

- Push Buttons for precise temperature adjustment
- Precise temperature control
- Suitable for soldering leadfree & SMD components
- In-built password protection and key-lock functions
- Auto-sleep feature allows system to go into stand-by mode to prolong the life of heater and Soldering Tips
- in-built digital temperature calibration facility to meet ISO requirements
- Various error message indication enables the user to rectify the fault immediately.
- Lightweight and comfortable for fatigue-free working

Scope of Supply:

- Main Power & Control Unit
- HAP2C Hot Air Pencil with Stand & Hot Air Nozzle
- SP2CESD Soldering Pencil fitted with Soldering Tip
- Stand with Cleaning Sponge for Soldering Pencil
- SMD IC Pick-up Tool

Specifications Rework Section

Power Consumption	: 1000W
Temperature Range	: 100°C ~ 500°C
Air Volume	: 1 ~ 120 Litre/min
Temperature Stability	: ±2°C

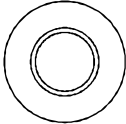
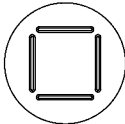
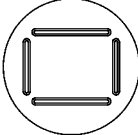
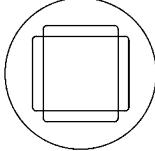
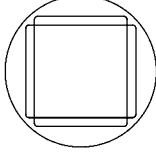
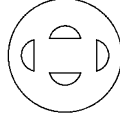
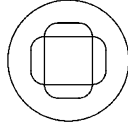
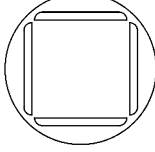
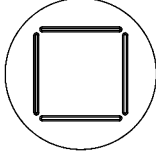
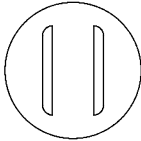
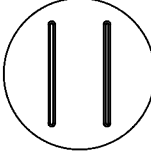
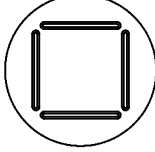
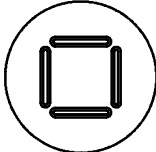
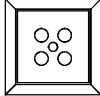
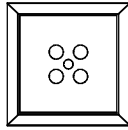
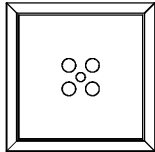
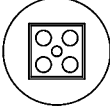
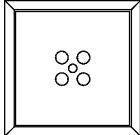
Warranty is 12 months from the date of invoice. It excludes consumable parts as Heating Element, Sensor, Soldering Tip, Cleaning Sponge and any mechanically damaged parts.

on-site services can be provided at extra charges if pre-paid by customer in advance

While the information contained herein in, has been carefully compiled to the best of our knowledge, nothing is intended as representation and warranty on our part; and no statement shall be construed as recommendation to infringe any of existing patents. We accept no liability of whatsoever for any faults and errors in the information contained herein. Contents of this catalogue and specifications of the products, are subject to change without notice due to continuous improvements.

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Please select the correct types of Hot Air Nozzles you need to meet your application

<p>NK2127 Size: 12.7mm dia Suitable for SMD Chips</p> 	<p>NK3127B Size: 19x19mm Suitable for QFP size 17x17mm as QFP100</p> 	<p>NK3128B Size: 15x21mm Suitable for QFP size 14x21mm as P-QFP128</p> 	<p>NK3136B Size: 19x19mm Suitable for PLCC size 20x20mm as PLCC52</p> 
<p>NK3138B Size: 29x29mm Suitable for PLCC size 30x30mm as PLCC84</p> 	<p>NK3139B Size: 12.5x7.3mm Suitable for PLCC32</p> 	<p>NK3188B Size: 10x10mm Suitable for PLCC20</p> 	<p>NK3189B Size: 33.5x33.5mm Suitable for PLCC size 34x34mm as PLCC100</p> 
<p>NK3203B Size: 30.6x30.6mm Suitable for QFP208</p> 	<p>NK3214B Size: 12x26mm Suitable for SOJ 10x26</p> 	<p>NK3259B Size: 13.5x29mm Suitable for TSOP44</p> 	<p>NK3261B Size: 21x21mm Suitable for BQPF84</p> 
<p>NK3262B Size: 12x12mm Suitable for TQFP44</p> 	<p>NK2280B Size: 24x24mm Suitable for BGA 24x24mm</p> 	<p>NK2282B Size: 31x31mm Suitable for BGA 31x31mm</p> 	<p>NK2284B Size: 41x41mm Suitable for BGA 41x41mm</p> 
<p>NK2286B Size: 15x15mm Suitable for BGA 15x15mm</p> 	<p>NK2283 Size: 38x38mm Suitable for BGA 38x38mm</p> 		

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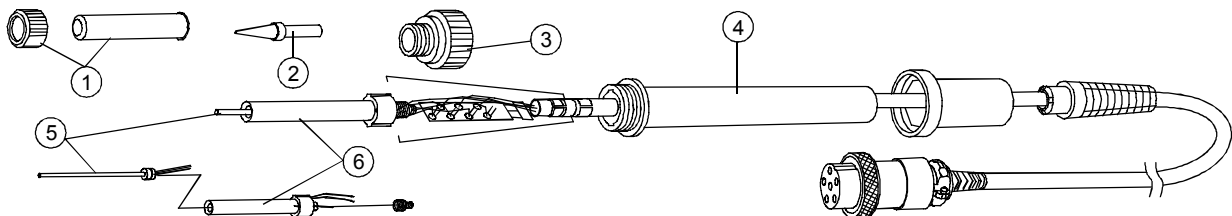
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Wide range of Soldering Tips are available for different soldering applications

Description	Actual Picture	Dimensional Diagram	Width A (mm)	Part Number
Chisel Tip for leadfree soldering			2.4	200-2.4D
Chisel Tip for leadfree soldering			3.2	200-3.2LD
Sloped Tip for leadfree soldering			Ø2	200-2C
Sloped Tip for Solar Panels			Ø3	200-3C
Sloped Tip for Solar Panels			Ø4	200-4C
Sloped Tip for Solar Panels			Ø5	200-5C
Soldering Tip for SMD Soldering			3.0	200-3CM

Assured availability, normally ex-stock, of spare parts for Soldering Pencil



SN	Description	Remarks
1	Barrel & Nut Assembly	Whenever required
2	Soldering Tip	Replace if worn out
3	Heater Enclosure (Nipple)	Whenever required
4	Handle	Whenever required
5	Temperature Sensor	Replace when display shows S-E
6	Heating Element	Replace when display shows H-E

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