

Packing List:



FR-410 Station with British Power Lead (B2425) + Instruction manual

Iron Stand (FH400), Cleaning Pot (FT400) and Wire (599-029)

Desoldering Tool (FR4103-81)



Tool Box (C5030)

Ceramic paper filter (4 pcs.) (A5044)

Filter (2 pcs.) (A5020)

Nozzle wrench (B5106)

Cleaning pin for ø1.0 mm (B1087)

Cleaning pin for heater (B1215)

Cleaning drill for ø1.0 mm (B1303)

Specifications:

Model No.	FR410
Power consumption	190W
Temperature range	FR-4103 : 330 to 450°C
Temperature stability	±5°C at idle temperature

FR-400 DeSoldering Station

Output voltage	AC 24V
Vacuum generator	Vacuum pump, double cylinder type
Vacuum pressure	Max. 80kPa (600mmHg)
Suction flow	15L/min.
Dimensions	165(W)×137(H)×244(D)mm
Weight	4.8kg



FR410-72



FR4103 DeSoldering Gun

Power consumption	140W (24V)
Nozzle to ground resistance	<2Ω
Nozzle to ground potential	<2mV
Heating element	Composite heater
Cord length	1.2m
Total length	168mm (with Φ1.0mm S nozzle)
Weight	190g (with ¢1.0mm S nozzle)

* The suction flow is measured at the filter case suction port of station. * Total length and weight (w/o cord, hose)

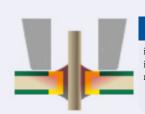
Nozzles:

The FR4103 supplied with the FR-410 desoldering station requires the N60 Series Nozzles which are available in a variety of shapes and sizes to purchase separately. Note: A N60- 02 1mm Nozzle is included with this station.

N61 Series



Do you use the right nozzle for your workpiece?



If Nozzle is too big

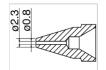
it takes longer dwell time due to ineffective heat transfer which may damage PCB



Correct Size

Heat transfer is more efficient, shortening the process.

Standard type



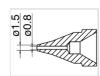
N61-07 Nozzle Standard type

Size Φ0.8

SS Type



N61-01 Nozzle SS type



N61-08 Nozzle Standard

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type

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Size Φ1.0

Size Φ1.0

N61-02 Nozzle SS type Size Ф0.8



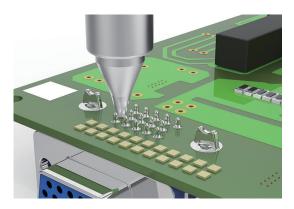
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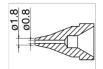


N61-03 Nozzle SS type Size Φ1.0



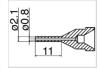
S type

Size Φ0.6



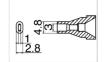
N61-04 Nozzle S type Size Φ0.8

Long Type

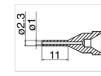


N61-11 Nozzle Long type Size Φ0.8

Oval type

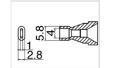


N61-15 Nozzle Oval type Size 3×1 mm

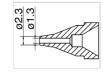


N61-05 Nozzle S type

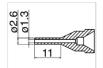
N61-12 Nozzle Long type Size Φ1.0



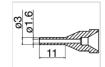
N61-16 Nozzle Oval type Size 4×1 mm



N61-06 Nozzle S type Size Φ1.3

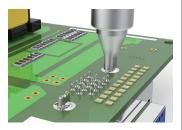


N61-13 Nozzle Long type Size Φ1.3



N61-14 Nozzle Long type Size Φ1.6







Recommended Extras:

Available to purchase separately

C5046 Nozzle Quick Changer



Quickly and safely change nozzles during use with the C5045. Three Bays to pre-load nozzles for fast change over in three easy steps; insert, twist and go.



Upper Section can be used to store spare nozzles.



C1390C Omnivise PCB Holder



FR830 PCB Underboard Heater



Nozzle Cleaning Pin B1086 00.8mm B1087 ¢1.0mm B1088 ¢1.3mm B1089 ¢1.6mm

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Nozzle Cleaning Pin B2875 ¢2mm / 2.3mm



C5027 PCB Board Holder



WICK Desolder Braid Available in different sizes



FT640 / FT641 Tweezers



FA-400 Desk Top Fume Extractor



C5028 **Rework Fixture**



FA-400 Fume Extractor / Air Purifier

