












H K Wentworth Group

Distributed and Supported in the UK, IE, AU & NZ



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Packing List:

-  FR-400 Station with British Power Lead (B2425) + Instruction manual
-  Desoldering Tool (FR4003-81)
-  Iron Stand (FH400), Cleaning Pot (FT400) and Wire (599-029)
-  Tool Box (C5011)
-  Ceramic paper filter (4 pcs.) (A5045)
-  Filter (2 pcs.) (A5020)
-  Nozzle wrench (B5082)
-  Cleaning pin for $\phi 1.0$ mm (B1087)
-  Cleaning pin for heater (B1215)
-  Cleaning drill for $\phi 1.0$ mm (B1303)

FR400-72



Specifications:

Model No.	FR400
Power consumption	320W
Temperature range	FR-4003 : 350 to 500°C
Temperature stability	$\pm 5^\circ\text{C}$ at idle temperature

FR-400 DeSoldering Station

Output voltage	AC 29V
Vacuum generator	Vacuum pump, double cylinder type
Vacuum pressure	Max. 80kPa (600mmHg)
Suction flow	15L/min.
Dimensions	166(W) \times 137(H) \times 264(D)mm
Weight	5.7kg

FR4003 DeSoldering Gun

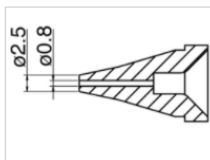
Power consumption	300W (249)
Nozzle to ground resistance	$< 2\Omega$
Nozzle to ground potential	$< 2\text{mV}$
Heating element	Composite heater
Cord length	1.2m
Total length	180mm (with $\phi 1.0\text{mm}$ nozzle)
Weight	270g (with $\phi 1.0\text{mm}$ nozzle)

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

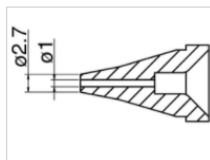
Nozzles:

The FR4003 supplied with the FR-400 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.

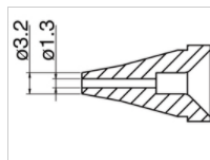
N60 Series



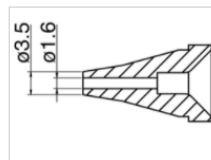
N60-01 Nozzle
Size $\phi 0.8$



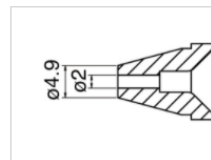
N60-02 Nozzle
Size $\phi 1.0$



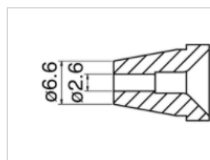
N60-03 Nozzle
Size $\phi 1.3$



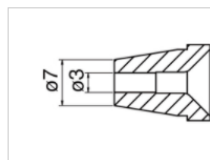
N60-04 Nozzle
Size $\phi 1.6$



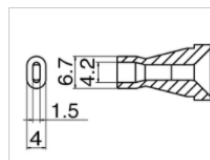
N60-05 Nozzle
Size $\phi 2.0$



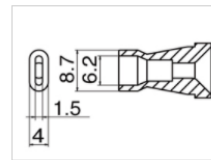
N60-06 Nozzle
Size $\phi 2.6$



N60-07 Nozzle
Size $\phi 3.0$

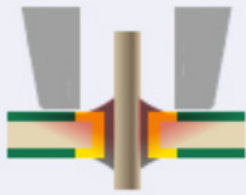


N60-08 Nozzle
Size 4.2 x 1.5



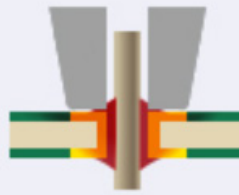
N60-09 Nozzle
Size 6.2 x 1.5

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.

Recommended Extras:

Available to purchase separately

C5045
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



C5027
PCB Board Holder



FT640 / FT641
Tweezers



C5028
Rework Fixture



Nozzle Cleaning Pin
B1086 ϕ 0.8mm
B1087 ϕ 1.0mm
B1088 ϕ 1.3mm
B1089 ϕ 1.6mm



Nozzle Cleaning Pin
B2874 ϕ 0.6mm
B2875 ϕ 2mm / 2.3mm



WICK
Desolder Braid
Available in different sizes



FA-400
Desk Top Fume
Extractor



FA-400
Fume Extractor /
Air Purifier



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