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Packing List:



FR-301-10 Desoldering Tool with N61-08 Nozzle British Power Lead + Instruction manual



Carry Case



Ceramic paper filter (2 pcs.) (A5044)



Pre-Filter (B5104)



Iron Holder (B5003)



Nozzle Wrench



Cleaning Pin for Heating Core (B1085)



Cleaning Pin for Nozzle Φ 1mm (B1087)

FR-301



Specifications:

FR-301 DeSoldering Gun

Power consumption	230V 110W (50/60Hz)
Temperature range	350 to 500°C
Nozzle to ground resistance	<2 Ω
Nozzle to ground potential	<2mV
Vacuum generator	Diaphragm pump
Vacuum pressure	81kPa (610mmHg)
Suction flow	11L/min.
Heating element	Ceramic heater
Standard nozzle	Φ 1mm (No.N61-08)
Dimensions	215(W) \times 226(H) mm (with Φ 1 mm (No.N61-08) nozzle)
Weight	0.52kg (with Φ 1 mm (No.N61-08) nozzle)

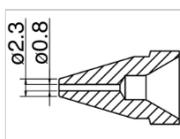
* Total length and weight (w/o cord)

Nozzles:

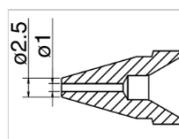
The FR-301 requires the quick change N61 Series desoldering nozzles which are available in a range of sizes. The FR-301 comes supplied with the N61-08 standard 1mm nozzle, other sizes are available to purchase separately.

N61 Series

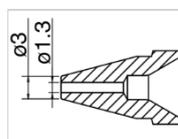
Standard type



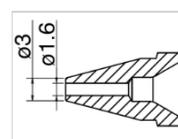
N61-07 Nozzle Standard
type
Size Φ 0.8



N61-08 Nozzle Standard
type
Size Φ 1.0



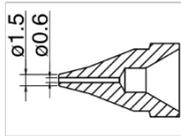
N61-09 Nozzle Standard
type
Size Φ 1.3



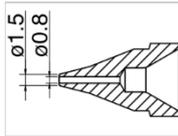
N61-10 Nozzle Standard
type
Size Φ 1.6

Nozzles (continued):

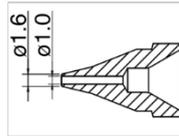
SS Type



N61-01 Nozzle SS type
Size $\Phi 0.6$

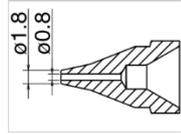


N61-02 Nozzle SS type
Size $\Phi 0.8$

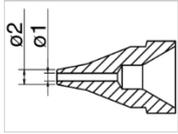


N61-03 Nozzle SS type
Size $\Phi 1.0$

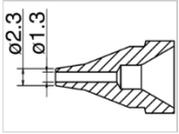
S type



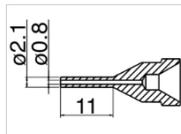
N61-04 Nozzle S type
Size $\Phi 0.8$



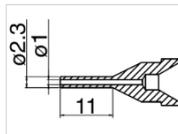
N61-05 Nozzle S type
Size $\Phi 1.0$



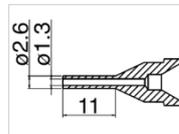
N61-06 Nozzle S type
Size $\Phi 1.3$



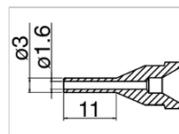
N61-11 Nozzle Long type
Size $\Phi 0.8$



N61-12 Nozzle Long type
Size $\Phi 1.0$

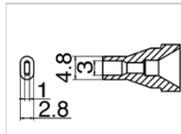


N61-13 Nozzle Long type
Size $\Phi 1.3$

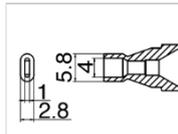


N61-14 Nozzle Long type
Size $\Phi 1.6$

Oval type



N61-15 Nozzle Oval type
Size 3x1 mm



N61-16 Nozzle Oval type
Size 4x1 mm

Recommended Extras Desoldering:

Available to purchase separately



C5046
Nozzle Quick Changer



C1390C
Omniverse PCB Holder



FR830
PCB Underboard Heater



C5027
PCB Board Holder



C1100
Iron Holder Stand with
Cleaning Sponge



Nozzle Cleaning Pin
B2874 $\Phi 0.6$ mm
B1086 $\Phi 0.8$ mm
B1087 $\Phi 1.0$ mm
B1088 $\Phi 1.3$ mm
B1089 $\Phi 1.6$ mm
B2875 $\Phi 2$ mm / 2.3mm



Nozzle Cleaning Drills
Drills and Drill bits in
different sizes for Nozzle
Cleaning



WICK
Desolder Braid
Available in different sizes



FT640 / FT641
Tweezers



FS210
Flux Pen



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