

# HAKKO 474·475

DESOLDERING TOOL



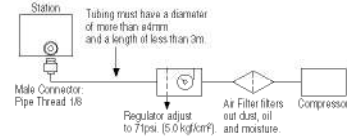
**Choose the system that best fits your needs!**  
The portable HAKKO 474 vacuum pump type or the economical HAKKO 475 air compressor type.

- Both models are constructed of static dissipative materials using an ESD design which prevents damage to circuit boards and parts caused by electro-static discharge.
- Heating element and motor features zero-cross switching in order to prevent electrical surges.
- An insulated transformer completely isolated the output circuit from the power input circuit.

### HAKKO 475 - external air compressor type

- Use filtered air to clean away any dust, oil and moisture.
- With the trigger pulled and air flowing, adjust the regulator air pressure to 71 psi (5.0kgf/cm<sup>2</sup>).

### Connections



### Specifications

Model No.	474	475
Power Consumption	100W	70W
<b>Station</b>		
Output Voltage	AC 24V	
Vacuum Generator	Double Cylinder Type	Ejector Type
Vacuum Pressure (Max.)	80kPa (600mmHg)	93kPa (700mmHg)
Suction Flow	15ℓ/min.	28ℓ/min.
Nozzle to Ground Resistance	< 2	
Nozzle to Ground Potential	< 2mV (Typ. 1.2mV)	
Applied Air Pressure	---	71psi (5.0kgf/cm <sup>2</sup> )(490kPa)
Compressed Air Consumption	---	1.62 c.f.m. (46ℓ/min.)
Dimensions	165(W) x 135(H) x 260(D)mm	
Weight (w/o cord)	3.8kg	3.0kg

### Packing List

Model Name	Contents
HAKKO 474 with 809	Station.....1
	Desoldering gun (809).....1
	Filter pipe.....1
	Cleaning pin for ø1.0mm nozzle.....1
	Cleaning pin for heating element.....1
	Cleaning drill for ø1.0mm nozzle.....1
	Ceramic paper filter (S).....2
HAKKO 475 with 809	Ceramic paper filter (L).....4
	Spring filter.....3
	Silicone grease.....1
	Iron holder (No.631-06).....1
	Spanner wrench.....1
	Station.....1
	Desoldering gun (815/816).....1
HAKKO 474 with 815/816	Filter pipe.....1
	Cleaning pin for ø1.0mm nozzle.....1
	Cleaning pin for heating element.....1
	Cleaning drill for ø1.0mm nozzle.....1
	Ceramic paper filter (S).....2
	Ceramic paper filter (L).....4
	Spring filter.....3
HAKKO 475 with 815/816	Silicone grease.....1
	Iron holder (No.635-01).....1
	Wrench.....1
	Anti-solizure.....1

### Desoldering Tools for HAKKO 474 . 475



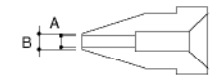
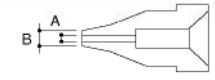
### Specifications

Model No.	809	815	816
Type	Gun	Pen	Gun
Power Consumption	AC 24V/50W		
Temperature Range	380-480°C		
Standard Nozzle	A1003 (ø1.0mm S type)	A1499 (ø1.0mm S type)	
Dimensions	135(W) x 174(H)mm	200(W) x 80(H)mm	180(W) x 150(H)mm
Weight (w/o cord)	200g	100g	120g

### Replacement Nozzles

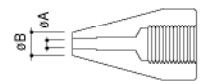
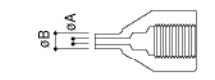
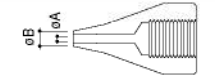
#### For 809

Part No.	A	B
A1002	0.8	1.8
A1003	1.0	2.0
A1004	0.8	2.3
A1005	1.0	2.5
A1006	1.3	3.0
A1007	1.6	3.0



#### For 815, 816

Part No.	A	B
A1496	0.8	1.8
A1499	1.0	2.0
A1497	0.8	2.2
A1498	0.8	2.3
A1500	1.0	2.5
A1501	1.3	3.0
A1502	1.6	3.0
A1503	2.0	3.6



Unit : mm