

HAIR 474.475 ESD SAFE



No. 474



No. 475

Choose the system that best fits your needs!

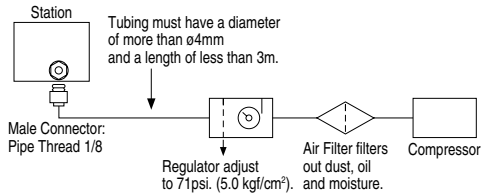
The portable HAKKO 474 vacuum pump type or the economical HAKKO 475 air compressor type.

- 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/cm²).

Connections



Specifications

Model No.	474	475
Power Consumption	100W	70W

Station

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	< 2Ω	
Nozzle to Ground Potential	< 2mV (Typ. 1.2mV)	
Applied Air Pressure	---	71dsi (5.0kgf/cm²)(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 pipe1
	Cleaning pin for ø1.0mm nozzle1
	Cleaning pin for heating element1
	Cleaning drill for ø1.0mm nozzle1
	Ceramic paper filter (S)2
	Ceramic paper filter (L)4
	Spring filter.....3
	Silicone grease1
HAKKO 475 with 809	Iron holder (No.631-06)1
	Spanner wrench.....1
	Station.....1
	Desoldering gun (815/816)1
	Filter pipe1
	Cleaning pin for ø1.0mm nozzle1
	Cleaning pin for heating element1
	Cleaning drill for ø1.0mm nozzle1
	Ceramic paper filter (S)2
	Ceramic paper filter (L)4
HAKKO 474 with 815/816	Spring filter3
	Silicone grease1
	Iron holder (No.635-01)1
	Wrench1
	Anti-seizure1
	Station.....1
	Desoldering gun (815/816)1
	Filter pipe1
	Cleaning pin for ø1.0mm nozzle1
	Cleaning pin for heating element1
HAKKO 475 with 815/816	Cleaning drill for ø1.0mm nozzle1
	Ceramic paper filter (S)2
	Ceramic paper filter (L)4
	Spring filter3
	Silicone grease1
	Iron holder (No.635-01)1
	Wrench1
	Anti-seizure1
	Station.....1
	Desoldering gun (815/816)1

Desoldering Tools for HAKKO 474 . 475



No. 809



No. 815



No. 816

Specifications

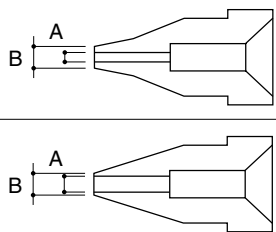
Model No.	809	815	816
Type	Gun	Pen	Gun
Power Consumption	50W (24V)		
Temperature Range	380-480°C		
Standard Nozzle	A1003 (ø1.0mm S type)	A1499 (ø1.0mm S type)	
Dimensions	135(W) x 174(H)mm	200(W) x 80(H)mm	180(W) x 150(H)mm
Weight (w/o cord)	200g	100g	120g

Replacement Nozzles

Unit : mm

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

