

HAKKO 474·475 ESD SAFE

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.

Specifications

| Model No. | 474 | 475 |
|-------------------|------|-----|
| Power Consumption | 100W | 70W |

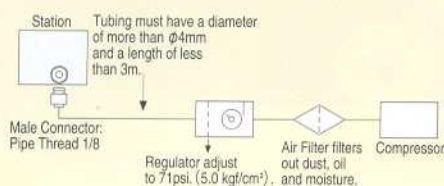
Station

| | | |
|----------------------------|-----------------------------------|---|
| Output Voltage | AC 24V | |
| Vacuum Generator | Vacuum Pump, Double Cylinder Type | Ejector Type |
| Vacuum Pressure(Max.) | 600mmHg (80KPa) | 700mmHg (93KPa) |
| Suction Flow | 15ℓ/min. | 28ℓ/min. |
| Tip to Ground Resistance | Under 2Ω | |
| Tip to Ground Potential | Under 2mV (Typ. 1.2mV) | |
| Applied Air Pressure | --- | 71psi (5.0kgf/cm ²)(490KPa) |
| Compressed Air Consumption | --- | 1.62 c.f.m. (46ℓ/min.) |
| Outer Dimensions | 165(W)×135(H)×260(D)mm | |
| Weight | Approx. 3.8kg | Approx. 3.0kg |

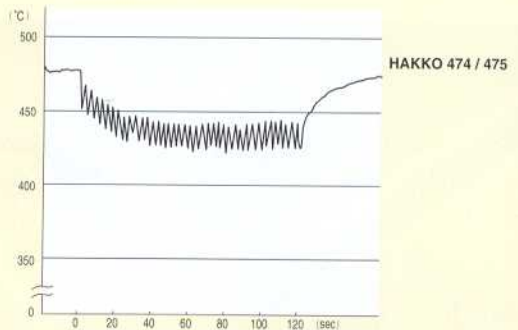
HAKKO 475 - external air compressor type

- 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



Thermal Recovery Graph



Desoldering Gun for HAKKO 474.475

Specifications

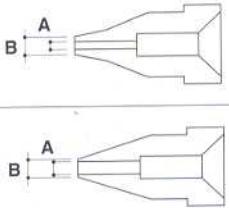
Desoldering Gun

| | |
|--------------------------|-------------------------|
| Model No. | 809 |
| Power Consumption | AC 24V/50W |
| Temperature | 380°C~480°C |
| Standard Nozzle | A1003 (Nozzle S ø1.0mm) |
| Heating Element | Ceramic Heater |
| Outer Dimensions | 135(W)×174(H)mm |
| Weight (w/o Cord & Hose) | Approx. 200g |

Replacement Nozzle

Unit : mm

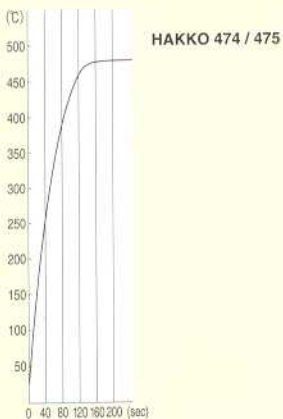
| Part No. | A | B |
|----------|-----|-----|
| A1002 | 0.8 | 1.8 |
| A1003 | 1.0 | 2.0 |
| A1004 | 0.8 | 2.3 |
| A1005 | 1.0 | 2.5 |
| A1006 | 1.3 | 3.0 |
| A1007 | 1.6 | 3.0 |



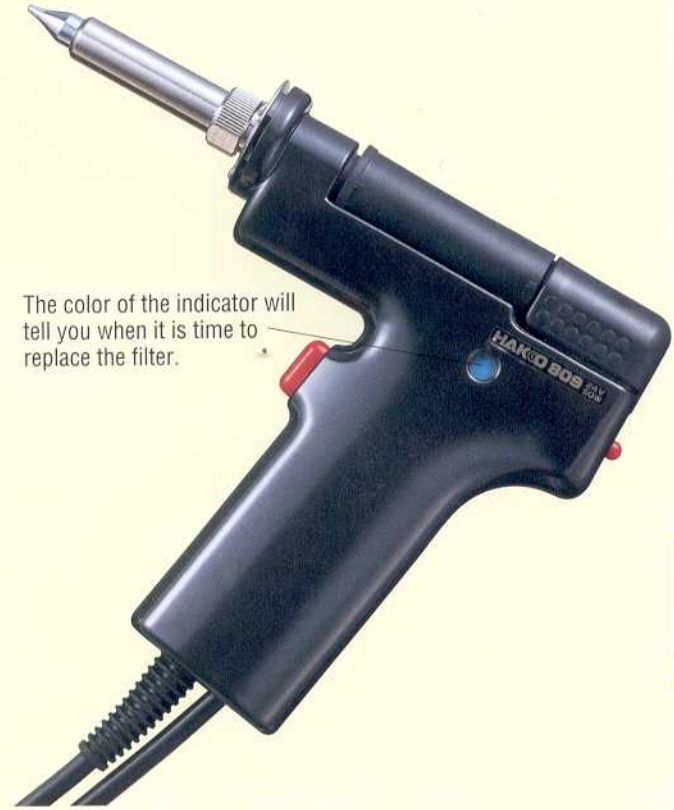
Packing List

| Name | Contents | Accessories |
|-----------|----------------------------|---|
| HAKKO 474 | Station | Filter Pipe1 |
| | Desoldering Gun (C1183) | Cleaning Pin for ø1.0mm Nozzle1 |
| | | Cleaning Pin for Heating Element1 |
| | | Cleaning Drill for ø1.0mm Nozzle1 |
| | | Ceramic Paper Filter (S)2 |
| HAKKO 475 | Station | Ceramic Paper Filter (L)4 |
| | Desoldering Gun (C1183) | Spring Filter3 |
| | | Silicone Grease1 |
| | | Iron Holder1 |
| | | Spanner Wrench1 |

Nozzle Temperature Start-up Graph



| Temperature | Heat-up Time |
|-------------|--------------|
| 400°C | 80 sec. |
| 480°C | 180 sec. |



The color of the indicator will tell you when it is time to replace the filter.

Construction of Filter Pipe

