

HAKKO 701 ESD SAFE
REPAIR SYSTEM



- The all-in-one systems for soldering and desoldering.
- ESD safe by design.
- Compact design for minimum use of bench space.

Specifications

Model No.	701
Power Consumption	150W

Station

	Output Voltage	AC 24V
Soldering	Temperature Range	200-480°C
	Output Voltage	AC 24V
Desoldering	Vacuum Generator	Double Cylinder Type
	Vacuum Pressure	80kPa (600mmHg)
	Motor Output	12W
	Temperature Range	380-480°C
	Suction Flow	15ℓ/min
Dimensions	190(W) x 130(H) x 250(D)mm	
Weight (w/o cord)	5kg	

Soldering Iron

Model No.	907-ESD
Power Consumption	50W (24V)
Standard Tip	900M-T-B (Shape-B)
Tip to Ground Resistance	< 2Ω
Tip to Ground Potential	< 2mV
Heating Element	Ceramic Heater
Total Length (w/o cord)	190mm
Weight (w/o cord)	44g

Desoldering Gun

Model No.	809
Power Consumption	50W (24V)
Standard Nozzle	A1003 (ø1.0mm S Type)
Heating Element	Ceramic Heater
Dimensions	135(W) x 174(H)mm
Weight (w/o cord)	200g

Packing List

Model Name	Contents
HAKKO 701	Station1
	Soldering iron (907-ESD)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 filter3
	Silicone grease1
	Wrench1
	Iron holder for soldering iron (No.C1142)1
	Iron holder for desoldering gun (No.631-06)1

Replacement Tips

Please refer to page 23 (for M-Type iron).

Replacement Nozzles

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

HAKKO 702B ESD SAFE
REWORK SYSTEM



- Compact design for minimum use of bench space, incorporating : two soldering irons, desoldering gun, handpiece for hot-air SMD rework.
- Replacement tip/nozzle are available from Hakko's well-known series.
- ESD safe by design.

Specifications

Model No.	702B
Power Consumption	500W

Station

	Output Voltage	AC 24V
Soldering	Temperature Range	200-480°C
	Output Voltage	AC 24V
Desoldering	Vacuum Generator	Double Cylinder Type
	Vacuum Pressure	80kPa (600mmHg)
	Suction Flow	15ℓ/min
SMD Rework	Temperature Range	380-480°C
	Input Voltage	AC 100, 110, 220-240V
	Pump	Diaphragm Pump
	Capacity	23ℓ/min (Max.)
Temperature Range	100-420°C (Use A1126B)	
Dimensions	360(W) x 266(H) x 150(D)mm	
Weight (w/o cord)	10kg	

Soldering Iron

Model No.	900S-ESD	907-ESD
Power Consumption	50W (24V)	
Tip to Ground Resistance	< 2Ω	
Tip to Ground Potential	< 2mV	
Heating Element	Ceramic Heater	
Standard Tip	900S-T-I (Shape-I)	900M-T-B (Shape-B)
Cord	1.2m	
Total Length (w/o cord)	176mm	190mm
Weight (w/o cord)	25g	44g

Desoldering Gun

Model No.	809
Power Consumption	50W (24V)
Nozzle to Ground Resistance	< 2Ω
Nozzle to Ground Potential	< 2mV
Standard Nozzle	A1003 (ø1.0mm S Type)
Dimensions	135(W) x 174(H)mm
Weight (w/o cord & hose)	200g

Handpiece for SMD Rework

Power Consumption	250W
Total Length (w/o cord)	196mm
Weight (w/o hose)	120g

Packing List

Model Name	Contents
HAKKO 702B	Station1
	Soldering iron (900S-ESD, 907-ESD)2
	Desoldering gun (809)1
	Handpiece for SMD rework1
	Iron holder for soldering iron (No.C1141, No.C1142)2
	Iron holder for desoldering gun (No.631-06)1
	Handpiece holder1
	Nozzle tray1
	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 filter3
	Silicone grease1
	Wrench1
FP pick-up1	
FP pick-up wire (S, L)2	
Nozzle for SMD rework handpiece (No.A1124B, A1128B)2	

Replacement Tips and Nozzles

Soldering iron: Please refer to page 23.
Desoldering gun: Please refer to page 45.
Handpiece for SMD Rework: Please refer to page 50-51.

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