

Desoldering tool for lead-free soldering

HAKKO FM-204 ESD SAFE

DESOLDERING TOOL

*Nozzle is an optional part.

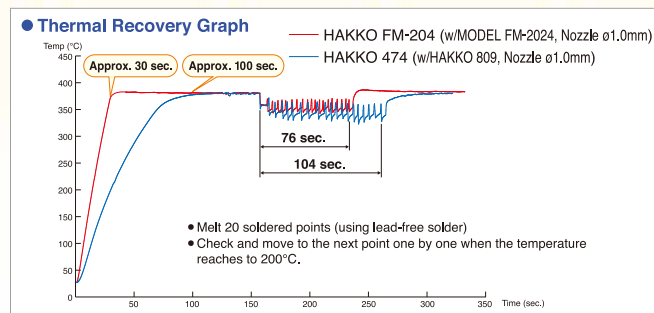


Built-in pump

Easier to use!

■ Excellent thermal recovery

The integrated nozzle contains both heater and sensor to provide more powerful thermal recovery than conventional nozzles.



■ Easy maintenance

- Uses disposable paper filter pipes. Allows paper and solder to be disposed separately.
- Quick nozzle replacement. Nozzle can be replaced safely with the provided nozzle remover.

■ Safe design

Equipped with a nozzle lock function. Inserting a nozzle into the grip automatically locks it in place and prevents the nozzle cartridge from being pulled out suddenly.

■ Sleep function

After the iron is inserted into the iron holder, the sleep function activates after a user-settable time (0 to 29 min.) and the tip temperature will decrease to approximately 200°C.

■ Auto power shut-off function

After 30 minutes have elapsed after inserting the iron into the iron holder, the auto power shut-off function activates and stops to apply power to the heating element.

*It is necessary to change unit settings before using sleep and auto power shut-off functions.

■ Selectable grip

Detachable handle allows two-way use: gun type or straight type.



When the gun grip is attached



When the gun grip is detached



Connect the FM-204 station and FH-200 iron holder using a connecting cable.

Specifications

● HAKKO FM-204

Power Consumption	120W
Temperature Range	FM-2024: 350 to 450°C, FM-2026/FM-2027: 200 to 450°C
Temperature stability	±5°C at idle temperature

● Station

Output voltage	AC 24 V
Vacuum Generator	Double cylinder type
Vacuum Pressure	Max. 80 kPa (600 mmHg)
Suction flow*	15 L/min.
Dimensions	160(W) x 120(H) x 225(D)mm
Weight	3.7kg

● Desoldering Tool

Power Consumption	70W (24V)
Nozzle to Ground Resistance	< 2Ω
Nozzle to Ground Potential	< 2mV
Heating element	Composite heater
Cord length	1.2 m
Total length**	180 mm (with ø1.0 mm nozzle)
Weight**	65 g (with ø1.0 mm nozzle)

* Measured at the filter case suction port of the station.

** Without cord and hose



Packing List

Station, Iron holder, Ceramic paper filter (10 pcs), Cleaning drill for heating element, Filter pipe assembly (1 pc), Control card, Power cord, Connecting cable, Nozzle remover, Desoldering tool (FM-2024), Handle for gun configuration, Instruction manual

*Nozzle is an optional part.

Increase your options

The FM-204 is a desoldering station as standard, but it can be operated with optional FM-2027 and FM-2026 soldering handpieces.

A single station plays multiple roles: soldering and desoldering.

Soldering



HAKKO FM-2027

N₂ System



*For further details, refer to the N₂ system HAKKO web site.

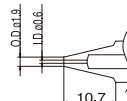
Replacement and Optional Parts

Part No.	Name/Description
A1514	Ceramic paper filter (10 pcs)
A1512	Front holder
A1511	Filter pipe assembly (10 pcs)
B3253	Connecting cable
FM2027-03*	HAKKO FM-2027 Conversion kit [70W(24V)]
FM2026-06*	HAKKO FM-2026 Conversion kit [70W(24V)]

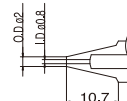
* A sleep mode iron holder, connecting cable, heat resistant pad and 599B are included. Please refer to HAKKO web site for tip variation.

Optional Nozzle

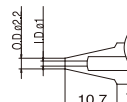
N1-06 Nozzle 0.6mm



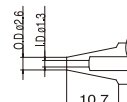
N1-08 Nozzle 0.8mm



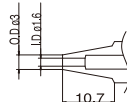
N1-10 Nozzle 1.0mm



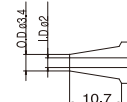
N1-13 Nozzle 1.3mm



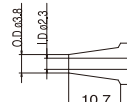
N1-16 Nozzle 1.6mm



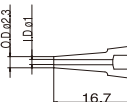
N1-20 Nozzle 2.0mm



N1-23 Nozzle 2.3mm



N1-L10 Nozzle 1.0mm Long



HAKKO®
HAKKO CORPORATION
OVERSEAS AFFILIATES

U.S.A.
AMERICAN HAKKO PRODUCTS, INC.
28920 AVENUE WILLIAMS VALENCIA, CA 91355, U.S.A.
TEL: (661) 294-0090 FAX: (661) 294-0096
Toll Free (800)88-HAKKO
http://www.hakkousa.com

HEAD OFFICE

4-5, SHIOKUSA 2-CHOME, NANIWA-KU, OSAKA, 556-0024 JAPAN
TEL: +81-6-6561-3225 FAX: +81-6-6561-8466
http://www.hakko.com E-mail: sales@hakko.com

HONG KONG
HAKKO DEVELOPMENT CO., LTD.
ROOM 1504, EASTERN HARBOUR CENTRE,
28 HOI CHAK STREET, QUARRY BAY, HONG KONG.
TEL: 2811-5588 FAX: 2590-0217
http://www.hakko.com.hk
E-mail: info@hakko.com.hk



SYNERGY
ELECTRONICS LTD

sales@synergielectronics.co.nz
www.synergielectronics.co.nz
Ph 0800 347 045

Please access to the following for the other sales affiliates and distributors.
<http://www.hakko.com>

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