

HAKKO FM-204 ESD SAFE

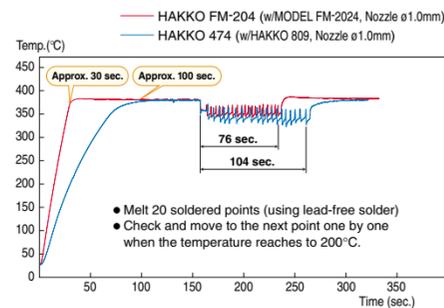


*When the gun grip is detached

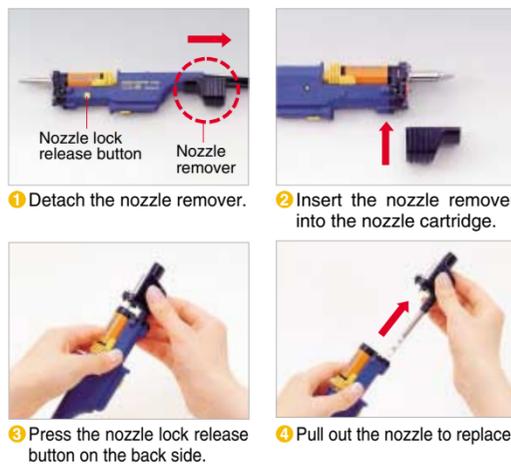
Easier to use!

- **Excellent thermal recovery:-**
The integrated nozzle contains both heater and sensor to provide more powerful thermal recovery than conventional tips.
- **New design with reduced distance between the nozzle end and filter pipe prevents clogging by sucked solder.**
- **Easy maintenance:-**
Uses disposable paper filter pipes. Allows paper and solder to be disposed of separately. One-touch nozzle for 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**
- **Auto power shutoff function**
- **Detachable handle allows two-way use: gun type or straight type**

Thermal Recovery Graph



Simple and Safe Nozzle Replacement



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.



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

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.

Specifications

HAKKO FM-204	
Power Consumption	120W
Temperature Range	200-450°C
Temperature Stability	±5°C at idle temperature
Station	
Output	24V
Dimensions	160(W) x 120(H) x 225(D)mm
Weight	3.7kg
Vacuum Generator	Vacuum pump, double cylinder type
Vacuum Pressure (Max.)	80kPa (600mmHg)
Suction Flow	15ℓ/min
MODEL FM-204 Desoldering Tool	
Power Consumption	70W (24V)
Temperature Range	350-450°C
Nozzle to Ground Resistance	< 2Ω
Nozzle to Ground Potential	< 2mV
Total Length (w/o cord)	180mm with ø1.0 nozzle
Weight (w/o cord & hose)	65g with ø1.0 nozzle
Cord	1.2m

Replacement and Optional Parts

Part No.	Name/Description
FM204-02	MODEL FM-204 24V/70W
A1514	Ceramic paper filter/10 pcs
A1512	Front holder
A1511	Filter pipe assembly
B3253	Connecting cable
FM2027-03*	HAKKO FM-2027 Conversion kit
FM2026-04*	HAKKO FM-2026 Conversion kit

* Iron holder (No.FH200-01) is included.

Packing List

Model Name	Contents	
HAKKO FM-204	Station	1
	Desoldering tool (MODEL FM-204)	1
	Control card	1
	Power cord	1
	Connecting cable	1
	Ceramic paper filter.....	10
	Filter pipe assembly (Originally equipped x 1, additional replacement x 1)	2
	Handle (for gun configuration)	1
	Nozzle remover	1
	Iron holder with 599B tip cleaner (No.FH200-05)	1
	Cleaning drill	1
	* 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 page 18-21.

Optional Nozzle

