



- HAKKO FM-2023



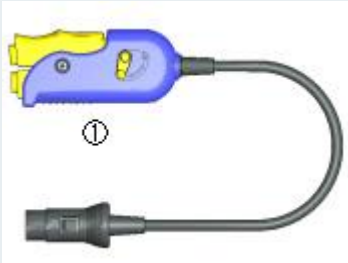
- Hot tweezers that enable easy removal of fine SMD chips and flat packages of up to 2mm in width
- Composite-type design with a built-in heater facilitates the replacement of soldering tips
- Used together with HAKKO FM-203 or HAKKO FM-206

Features

- ❖ The small grip ensures to remove the smallest chips easily.
- ❖ Can choose standard or reverse tweezer action by switch lever.
- ❖ Direct heating prevents damage to neighboring components on high density board.
- ❖ ESD safe by design

HAKKO FM-2023 can be operated with Soldering Station [HAKKO FM-203](#).

Packing List

Part No.	Packing List
FM2023-02	 <ol style="list-style-type: none">1. Mini parallel remover HAKKO MODEL FM-20232. Instruction manual (No figure)



FM2023-04 for Japan, Oceania, Asia & other countries	 <ol style="list-style-type: none"> 1. Connecting cable 2. Iron holder: No. FH200-04 with cleaning sponge :No.A1519 (2-a) 3. Mini parallel remover HAKKO MODEL FM-2023 4. Soldering tip: No. T9-I 5. Component bed 6. Heat resistant pad 7. Instruction manual (No photo)
FM2023-05 for North America	
FM2023-06 for EU	

NOTE: Soldering station must be purchased separately.
 For details, [click here](#).
 Select soldering tip having desired shape separately.

Specifications

Model No.	FM2023-02	FM2023-04	FM2023-06
Power consumption	140W (24V)		
Temperature range	200 to 400°C		
Tip to ground resistance	<2Ω		
Tip to ground potential	<2mV		
Heating element	Composite heater		
Cord length	1.2m		
Total length	117mm (with I tip)		
Weight	37g (with I tip)		

