



Desoldering / Rework/SMD rework system /Jig

**HAKKO** MODEL **FM-2022** **ESD SAFE**  
PARALLEL REMOVER



- Hot tweezers that enable easy removal of SMD chips and flat packages of up to 25mm 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

**Packing List**

Part No.	Packing List
No.FM2022-02 ESD SAFE	 <p>1. Parallel remover HAKKO MODEL FM-2022 2. Instruction manual (No figure)</p>
No.FM2022-04 ESD SAFE for Japan, Oceania, Asia & Other countries	 <p>1. Connecting cable 2. Iron holder: No. FH200-03 with cleaning sponge :No.A1536 (2-a) 3. Parallel remover HAKKO MODEL FM-2022</p>
No.FM2022-05 ESD SAFE for North America & EU	

	4. Heat resistant pad 5. Instruction manual (No photo)
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NOTE: Soldering station must be purchased separately.  
 For details, [click here](#).  
 Select tip having desired shape separately.  
 Tips for HAKKO FM-2022 depend on the market.

## Specifications

Model No.	FM2022-02	FM2022-04	FM2022-05
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	148mm (with SOP 25L tip)		
Weight	64g (with SOP 25L tip)		

\* Total length and weight (w/o cord)

