



FM-2023

SMD MINI HOT TWEezer

The **HAKKO FM-2023 Mini Hot Tweezer** is designed for use with small chip components as small as 0201. The FM-2023 has the unique feature of allowing it to work as a standard or reverse action. A simple flip of a switch sets the action of the tool.



FEATURES & BENEFITS

- Can be used with components as small as 0201
- Able to work as standard and reverse
- Can be used with the FM-206 & FM-203



CONTENTS For Part No. FM2023-05 (Conversion Kit w/ Handpiece & Holder)

Part No.	Description
FM2023-02	FM-2023 mini hot tweezers
FH200-04	Iron holder with sponge
B2849	Component bed
T9-I	Standard tip
B2300	Heat resistant pad
B3253	Connector cord

NOTE: The FM-2023 must be used in conjunction with an FM-203 soldering station or an FM-206 3-port rework station.



SPECIFICATIONS For Part No. FM2023-02 (Handpiece Only)

Tip Series	T9 <i>see below</i> (T9-I tip included)
Station Compatibility	FM-203 & FM-206 <i>see page 64</i>
Power Consumption	140 W / 24 V
Temperature Range	400 °F - 752 °F / 200 °C - 400 °C
Temperature Stability	±9 °F / ±5 °C
Tip-to-Ground Resistance	< 2 Ω
Tip-to-Ground Potential	<2 mV (typical 0.6 mV)



TWEEZERS SERIES TIPS FOR USE WITH FM-2023 HANDPIECE

Part No.	Size A [a]	Shape
T9-I	0.008 in. / R0.2	
T9-L1	0.04 in. / 1.0 mm	
T9-L2	0.08 in. / 2.0 mm	

U.S. Patent Registered

FM2023-05 CONVERSION KIT

Includes everything shown in picture.

HANDPIECE HOLDER
w/ Sponge
P/N: FH200-04

CONNECTOR CABLE
P/N: B3253

TIP, (I Shape)
P/N: T9-I (Included)

HEAT RESISTANT PAD
P/N: B2300

COMPONENT BED
P/N: B2849

FM-2023 MINI HOT TWEEZERS
P/N: FM2023-02

