

## **FM-2022**

## SMD PARALLEL REMOVER



The **HAKKO FM-2022 SMD Parallel Remover** uses revolutionary parallel action between the tip ends (one tip remains stationary) allowing greater surface contact between the tip and the component and providing more efficient and even heat transfer.

Whether removing small chips or larger SOP components, the parallel action of the FM-2022 also allows for a more secure hold on the component.

## FEATURES & BENEFITS

- The Parallel Remover uses the same quick-change composite tip technology as the FM-206 soldering station
- A fixing collar properly aligns the tips opposite each other
- Holder with sleep function



HEAT
RESISTANT
PAD
P/N: B2300
FM-2022
SMD PARALLEL
REMOVER\*
P/N: FM2022-02

CONTENTS For Part No. FM2022-05 (Conversion Kit w/ Handpiece & Holder)

| Part No.  | Description                  |
|-----------|------------------------------|
| FM2022-02 | FM-2022 SMD parallel remover |
| FH200-03  | Handpiece holder with sponge |
| B2300     | Heat resistant pad           |
| B3253     | Connector cord               |



| Tip Series               | T16 see below (Tips Sold Separately) |
|--------------------------|--------------------------------------|
| Station Compatibility    | FM-203 & FM-206 see page 64          |
| Power Consumption        | 140 W / 24 V                         |
| Temperature Range        | 400 °F - 750 °F / 200 °C - 400 °C    |
| Temperature Stability    | ±9 °F / ±5 °C                        |
| Tip-to-Ground Resistance | <20                                  |
| Tip-to-Ground Potential  | <2 mV (typical 0.6 mV)               |

## T16 SERIES TIPS FOR USE WITH FM-203 & FM-206

SPECIFICATIONS For Part No. FM2022-02 (Handpiece Only)

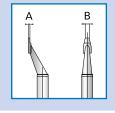
| Part No. | А                  | В                  |
|----------|--------------------|--------------------|
| T16-1001 | 0.008 in. / 0.2 mm | N/A                |
| T16-1002 | 0.03 in. / 0.7 mm  | 0.02 in. / 0.5 mm  |
| T16-1003 | 0.03 in. / 0.7 mm  | 0.04 in. / 1.0 mm  |
| T16-1004 | 0.03 in. / 0.7 mm  | 0.08 in. / 2.0 mm  |
| T16-1013 | 0.03 in. / 0.7 mm  | 0.12 in. / 3.0 mm  |
| Part No. | Α                  | В                  |
| T16-1005 | 0.03 in. / 0.7 mm  | 0.24 in. / 6.0 mm  |
| T16-1006 | 0.03 in. / 0.7 mm  | 0.31 in. / 8.0 mm  |
| T16-1007 | 0.03 in. / 0.7 mm  | 0.39 in. / 10.0 mm |
| T16-1008 | 0.03 in. / 0.7 mm  | 0.51 in. / 13.0 mm |
| T16-1009 | 0.03 in. / 0.7 mm  | 0.63 in. / 16.0 mm |
| T16-1010 | 0.03 in. / 0.7 mm  | 0.79 in. / 20.0 mm |
| T16-1011 | 0.03 in. / 0.7 mm  | 0.98 in. / 25.0 mm |

0.03 in. / 0.7 mm

0.71 in. / 18.0 mm

T16-1012





TIPS for SOP Components

