



**American Hakko Products, Inc.**

## PRODUCT BULLETIN

**Bulletin No:** PB166

**Issue Date:** May 09, 2003

**Product:**

FM-2023 Mini Parallel Remover

**Part No:**

FM2023-01 (handle and conversion kit)

FM2023-02 (handle only)

**Specification:**

|                          |                           |
|--------------------------|---------------------------|
| Power consumption        | 140W (24V)                |
| Temperature range        | 200 – 400°C (400 - 750°F) |
| Tip to ground resistance | <2 Ohms                   |
| Tip to ground potential  | < 2mV (typical 0.6mV)     |
| Cord assembly            | 1.2m (4 ft.)              |



**Comments:**

The FM-2023 is designed for use with small chip components as small as 0201. The Mini Parallel Remover has a unique feature allowing it to work as a standard or reverse action tweezer. A simple flip of a switch sets the action of the tool. The FM-2023 must be used in conjunction with a FM-202 soldering station. The Holder Clip (B2848) attaches to a 634 Iron Holder (634-01, 634-02 or 634-03).

**Contents FM2023-01:**

|           |                              |
|-----------|------------------------------|
| FM2023-02 | Mini Parallel Remover handle |
| B2300     | Heat resistant pad           |
| B2847     | TIN key                      |
| B2848     | Holder clip                  |
| A1495     | Cleaning sponge              |
| B2849     | Component bed                |
| T9-l      | Tip (Shape l)                |

**Accessories:**

|       |                |
|-------|----------------|
| T9-L1 | Tip (1mm wide) |
| T9-L2 | Tip (2mm wide) |
| T9-l  | Tip (Shape l)  |



**Available:**

May 5, 2003

For pricing information, please contact your local American Hakko representative or our customer service department at (661) 294-0090.

From...

American Hakko Products, Inc.  
 28920 N. Avenue Williams.  
 Valencia, CA 91355  
 Tel: (661) 294-0090  
 Fax: (661) 294-0096  
 www.hakkousa.com  
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