



American Hakko Products, Inc.

# PRODUCT BULLETIN

**Bulletin No:** PB342

**Issue Date:** 3-11-2014

**Available:** 4-8-2014

**Product Description:**


HAKKO FM-2032 Micro Soldering Iron

**Part No:**

FM2032-51, FM2032-52

**Specification:**



Handpiece Specifications	
Model	FM-2032
Part No.	FM2032-52
Power Consumption	48W / 24V
Temperature Range	200°C - 450°C (400°F - 840°F)
Tip to Ground Resistance	<2Ω
Tip to Ground Potential	<2mV
Temp. Stability & Accuracy	Meets or Exceeds IPC J-STD-001
ESD Safe	Yes
Safety Approval	
Weight (w/o cord)	14 g (0.49 oz.)
Reach	1.2m (3.9 ft.)
Handpiece Length (w/o cord)	170mm (6.7 in.) w/T30-D1 Tip
Tip-to-Grip Distance	Approx. 50mm (1.97 in.)
Grip Diameter	11.6mm (0.45 in.)
Tips	Uses T30 Series Tips (not included)
Tip Diameter	3.3mm (0.130 in.)

For additional information:

- End-User Customers – Call Customer Support at 1-800-88-HAKKO (42556)
- Authorized Distributors – Call Distributor Support at 661-294-0090

From...

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Contents	
Part Number	Description
FM2032-51	FM-2032 Micro Soldering Handpiece
FH200-51	FH-200 Iron Holder with Sleep Function (Includes tip cleaning sponge)
B2300	Heat Resistant Pad
B3253	FH-200 Connecting Cable

T30 Series Tips		
<p><b>T30-D06 SHAPE-0.6D</b></p>	<p><b>T30-D1 SHAPE-1D</b></p>	<p><b>T30-I SHAPE-I</b></p>
<p><b>T30-J SHAPE-J</b></p>	<p><b>T30-KN SHAPE-KN</b></p>	<p><b>T30-KU SHAPE-KU</b></p>

### Comments:

The FM-2032 Micro Soldering Iron extends precision micro soldering capabilities to a variety of HAKKO soldering and rework systems. The slender, lightweight handpiece has a tip-to-grip distance optimized for operator dexterity under microscopes and magnifiers while preserving the control one expects when working with 0201 components and smaller. The new T30 Series Composite Micro Tips have geometries engineered for optimal heat transfer and the ability to reach into some of the tightest spots on a board.

The FM-2032 also features – Thin, burn resistant iron cord • Quick Change T30 Series tips • ESD Safe design • Cool running grip even when operating at 450°C for extended periods • HAKKO renowned tip life and performance