



American Hakko Products, Inc.

# PRODUCT BULLETIN

**Bulletin No:** PB405

**Issue Date:** 6-27-2017

**Available:** 7-10-2017

**Product Description:**

HAKKO FX-1002 Micro Soldering Iron  
HAKKO T35 Series Tips  
HAKKO FX-100 Soldering Station Only

**Part No:**

FX1002-84, FX1002-83, FX100-53  
T35-xxD1, T35-xxD06, T35-xxI, T35-xxKU, T35-xxJ



FX1002-84 Conversion Kit Shown Here

**Specification:**

<b>Model</b>	FX-1002
<b>Part Number</b>	FX1002-84
<b>Tip-to-Ground Resistance</b>	< 2 ohms
<b>Tip-to-Ground Potential</b>	< 2mV
<b>Heating Element</b>	High Frequency Induction-Type
<b>Tip Temperatures</b>	T35-02 Series = 750°F (400°C) T35-03 Series = 660°F (350°C)
<b>Length of Cord</b>	4.3 ft. (1.3m)
<b>Length (w/o Cord)<sup>1</sup></b>	166 mm (6.5 in.)
<b>Weight (w/o Cord)<sup>1</sup></b>	0.05 lbs. (21g)
<b>Shipping Dimensions (W x H x D)</b>	6.85 x 4.55 x 4.05 in. (174 x 116 x 103 mm)
<b>Shipping Weight</b>	1.09 lbs. (0.5 kg)

<sup>1</sup>With D1 tip installed

FX1002-84 CONVERSION KIT Contents	
Part Number	Description
FX1002-83	Micro soldering Iron
B5180	Sleeve Assembly (Green)
FH800-52BY	Iron Holder
B2300	Heat Resistant Pad
A5038	Cleaning Sponge (Yellow)
B1561	Cleaning Wire

For FX-100 soldering station only specifications, please see PB 347.



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T35 Series Tips	
<p>T35-xxD1</p> <p>Technical drawing of T35-xxD1 tip. Dimensions: diameter 0.1 (0.004), length 0.2 (0.008), tip length 5.2 (0.20).</p>	<p>T35-xxD06</p> <p>Technical drawing of T35-xxD06 tip. Dimensions: diameter 0.6 (0.02), length 0.2 (0.008), tip length 5.2 (0.20).</p>
<p>T35-xxI</p> <p>Technical drawing of T35-xxI tip. Dimensions: radius R0.1 (R0.004), length 5.5 (0.22).</p>	<p>T35-xxJ</p> <p>Technical drawing of T35-xxJ tip. Dimensions: radius R0.1 (R0.004), length 2.6 (0.10), angle 40°, tip length 2.9 (0.11).</p>
<p>T35-xxKU</p> <p>Technical drawing of T35-xxKU tip. Dimensions: diameter 0.2 (0.008), length 1.4 (0.06), angle 45°, tip length 6.3 (0.25).</p>	<p><b>Test Equipment Depot</b> 99 Washington Street Melrose, MA 02176 Phone 781-665-1400 Toll Free 1-800-517-8431 1-800-517-8431 Visit us at <a href="http://www.TestEquipmentDepot.com">www.TestEquipmentDepot.com</a></p>

Note: xx:02 = 400°C (750°F) | xx:03 = 350°C (660°F)

### Comments:

Hakko would like to introduce the new HAKKO FX-1002 micro soldering iron for use with the FX-100 induction soldering station! The micro soldering iron features a burn resistant cord and a quick heating time. Also, the T35 micro tips offer the same renowned Hakko tip life as well as a similar quick change feature used for Hakko T31 tips. The new micro soldering iron offers the same features and benefits of the FX-100 soldering station in compact micro tip shapes. The Hakko FX100-53 part number is also being introduced to allow purchase of the FX-100 station and the new FX-1002 handpiece without having to purchase the standard FX-1001 handpiece. The FX-1002 handpiece is available to purchase as a conversion kit with the holder and also as the handpiece only.