



American Hakko Products, Inc.

PRODUCT BULLETIN

Bulletin No: PB405

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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:

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

¹With 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 a T35-xxD1 micro soldering tip. The drawing shows a cylindrical body with a diameter of 0.1 (0.004) and a length of 0.2 (0.008). The tip is tapered and has a length of 5.2 (0.20).</p>	<p>T35-xxD06</p> <p>Technical drawing of a T35-xxD06 micro soldering tip. The drawing shows a cylindrical body with a diameter of 0.6 (0.02) and a length of 0.2 (0.008). The tip is tapered and has a length of 5.2 (0.20).</p>
<p>T35-xxI</p> <p>Technical drawing of a T35-xxI micro soldering tip. The drawing shows a cylindrical body with a radius of R0.1 (R0.004) and a length of 5.5 (0.22).</p>	<p>T35-xxJ</p> <p>Technical drawing of a T35-xxJ micro soldering tip. The drawing shows a cylindrical body with a radius of R0.1 (R0.004) and a length of 2.9 (0.11). The tip is tapered and has a length of 2.6 (0.10) and an angle of 40 degrees.</p>
<p>T35-xxKU</p> <p>Technical drawing of a T35-xxKU micro soldering tip. The drawing shows a cylindrical body with a diameter of 0.2 (0.008) and a length of 1.4 (0.06). The tip is tapered and has a length of 6.3 (0.25) and an angle of 45 degrees.</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.

For more information please visit us at www.HakkoUSA.com

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28920 Avenue Williams · Valencia · California 91355

Tel 661.294.0090 · Fax 661.294.0096 · www.HakkoUSA.com

www.valuetronics.com