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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China





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:

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 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), tip length 5.5 (0.22).</p>	<p>T35-xxJ</p> <p>Technical drawing of T35-xxJ tip. Dimensions: radius R0.1 (R0.004), tip length 2.6 (0.10), angle 40°, distance 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), tip length 6.3 (0.25), angle 45°.</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