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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!



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American Hakko Products, Inc.


PRODUCT BULLETIN

Bulletin No: PB416
Issue Date: 3/13/2018
Effective Date: 3/20/2018

Description/Title:
NEW HAKKO FR-301 Desoldering Tool

Part No:
FR301-03/P

Specification:

Model	FR-301
Part No.	FR301-03/P
Input Voltage	120 VAC 50/60 Hz
Power Consumption	140W
Temperature Range	350°C – 500°C (660°F – 930°F)
Tip to Ground Resistance	< 2 Ohms
Tip to Ground Potential	< 2 mV
Temperature Stability and Accuracy	Meets or Exceeds IPC J-STD-001
Heating Element	Ceramic
Vacuum Source	Single-Cylinder Diaphragm Pump
Vacuum Pressure	81 kPa (610 mm Hg / 24 in. Hg)
Suction Flow	11 L/min
Safety Approval	
Weight (w/o cord) ¹	0.52 kg (1.1 lb.)
Nozzles	N61 Series
Standard Nozzle	N61-08 (φ1.0mm)
Dimensions (LxWxH) (w/o cord)	226x49x215 mm (8.9x1.9x8.5 in.)

¹With N61-08 nozzle installed



Contents:

FR301-03/P	
Part No.	Description
--	FR-301 Desoldering Tool
A5044	Ceramic Filter (1 installed/2 replacement)
B5106	Nozzle Wrench
B5104	Pre Filter
C5003	Iron Holder
B1087	Cleaning Pin (for φ1.0mm(0.04in.) nozzle)
B1085	Cleaning Pin (for heating element)
--	Instruction Manual

Comments:

The NEW Hakko FR-301 Portable Desoldering Tool, replaces the discontinued FR-300 desoldering tool.

The FR-301 will feature a more efficient and robust heater for improved temperature recovery time while maintaining the same power consumption as its predecessor, and makes use of Hakko's N61 Series nozzles.

The FR-301 comes in a convenient molded carrying case with a nozzle wrench, cleaning pin, replacement filters and iron holder.

For more information please visit www.HakkoUSA.com or call 1-800-88-HAKKO (42556)

AHP14 Rev 2017-09



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Specifications (continued):

N61 Series Nozzles

<p>N61-01</p> <p>Units: mm(in.)</p>	<p>N61-02</p> <p>Units: mm(in.)</p>	<p>N61-03</p> <p>Units: mm(in.)</p>
<p>N61-04</p> <p>Units: mm(in.)</p>	<p>N61-05</p> <p>Units: mm(in.)</p>	<p>N61-06</p> <p>Units: mm(in.)</p>
<p>N61-07</p> <p>Units: mm(in.)</p>	<p>N61-08</p> <p>Units: mm(in.)</p>	<p>N61-09</p> <p>Units: mm(in.)</p>
<p>N61-10</p> <p>Units: mm(in.)</p>	<p>N61-11</p> <p>Units: mm(in.)</p>	<p>N61-12</p> <p>Units: mm(in.)</p>
<p>N61-13</p> <p>Units: mm(in.)</p>	<p>N61-14</p> <p>Units: mm(in.)</p>	<p>N61-15</p> <p>Units: mm(in.)</p>
<p>N61-16</p> <p>Units: mm(in.)</p>	<p>N61-17</p> <p>Units: mm(in.)</p>	