



American Hakko Products, Inc.

# PRODUCT BULLETIN

**Bulletin No:** PB389

**Issue Date:** 7-12-2016

**Available:** 7-25-2016

**Product Description:**

NEW HAKKO C5016 Bottom Heater

**Part No:**

C5016



**Specifications:**

Part No.	C5016
Input Voltage	120 VAC 50/60 Hz
Power Consumption	730W
Effective Heater Area	190 x 80 mm (7.5 x 3.2 in.)
Board Capacity	248 x 140 mm (9.8 x 5.5 in.)
Heating Zones	2
Operating Modes	Power/Thermocouple
T/C Range	50 - 250°C (122 – 482°F)
T/C Stability	±5°C (±9°F)
Power Range	1 – 100% (1% increments)
Heater Control	Requires FR-811
Heater Type	High Efficiency Carbon Filament
Heater Lamp MTBF	Approx. 2100 hours
External Connection <sup>1</sup>	4-pin DIN for FR-811 ONLY
Dimensions (W x H x D)	295 x 66 x 246 mm (11.6 x 2.6 x 9.7 in.)
Weight	2.1 kg (4.6 lbs.)
ESD Safe	Yes
Safety Approval	

**Contents:**

Part No.	Description
--	C5016 Bottom Heater
<b>B2419</b>	Power Cord
--	Connecting Cable

<sup>1</sup> - Unit is completely controlled by FR-811 SMD Rework System; Requires connecting cable (included)

Continued on Page 2



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**Comments:**

The HAKKO C5016 Bottom Heater integrates with and is fully controlled by the HAKKO FR-811 SMD Rework System during the execution of user programmable rework profiles stored on the HAKKO FR-811.

The HAKKO C5016 has the same power and performance as the popular HAKKO FR-870B 2-Bank IR Preheater, and includes a left and right switchable zone.

Through the control provided by the HAKKO FR-811 through included connecting cable, the C5016 Bottom Heater can operate in power or thermocouple modes just like the HAKKO FR-870B, including the ability to monitor/control the ramp rate of the assembly. The thermocouple mode is controlled by the thermocouple input marked "B" on the face of the HAKKO FR-811.

***Note: The HAKKO C5016 must be used with the FR-811. It will not work on its own or with any other units.***

For more information, please visit us at [www.HakkoUSA.com](http://www.HakkoUSA.com)