

American Hakko Products, Inc.

# PRODUCT BULLETIN

**Bulletin No:** PB438  
**Issue Date:** 7-9-2019  
**Effective Date:** 7-30-2019

**Description/Title:**  
New HAKKO FG-101B Soldering Iron Tester

**Part No:**  
FG101B-03



**Specification:**




Model No.		FG-101B	
Part No.		FG101B-03	
Temperature	Resolution	1°F	1°C
	Range of Measurement <sup>1</sup>	32 – 1300°F	0 – 700°C
	Applicable Sensor	K(CA) Type Thermocouple	
	Measurement Tolerance <sup>2</sup>	±6°F (572 – 1112°F)	±3°C (300 – 600°C)
Voltage	Resolution	0.1mV	
	Measurement range	0-40mV (AC)	
	Precision	± (5% + 1 digit)	
Resistance	Resolution	0.1 ohms	
	Measurement range	0-40 ohms	
	Precision	± (5% + 1 digit)	
Display	Liquid Crystal Display	3.5 digit	
	Burnout	-/	
	MAX HOLD	Refer to manual	
	AUTO HOLD	Refer to manual	
	Temperature measurement count	000 to 999 times	
Power Consumption		120V/3.2W	
Dimensions (W x H x D) (excluding protrusions)		211 x 53 x 126 mm (8.31 x 2.09 x 4.96 in)	
Weight		0.95kg (2.09 lb.)	
Operating Environment		0-40°C (32-104°F) Max 80% RH (without condensation)	
Pollution Degree Rating		Pollution Degree 2	

1 – Temperature sensor (PN: 191-212) can only be used to measure temperatures below 500°C (932°F). To measure higher temperatures, use an applicable temperature probe.

2 – Measurement tolerance is ±5°C / ±10°F for measurements outside the range given for measurement tolerance above.



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Standards & Ratings	  
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**Contents:**

Part No.	Description
--	FG-101B Soldering Tester
--	User Manual
191-212	Replacement Sensor (Pack of 10)
B2468	Fuse / 125V-5A (Spare)
B1950	Conductive Wire
B1754	Grounding Clip
B2419	Power Cord

**Comments:**

The NEW Hakko FG-101B Soldering Iron Tester replaces the discontinued Hakko FG-101 and will be available July 30, 2019.

The FG-101B measures soldering iron tip temperatures, leak voltage and tip-to-ground resistance, as well as solder pot temperatures (with optional temperature probe). It includes all features from the FG-101 such as the MAX HOLD and AUTO ZERO. In addition, the FG-101B now includes a new AUTO HOLD feature. With this function the measurements will end automatically once the measurement is stabilized, which can minimize individual differences in measurements. The FG-101B also has a user selectable temperature display which allows the reading to display in either °C or °F and a measurement counter that helps to monitor your temperature sensor usage.

AUTO HOLD and MAX HOLD cannot be used simultaneously.

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