



Megohmmeter Model 1050 (Discontinued. See replacement: Model 1060 Cat#2130.03)

Cat. #2130.01

(Discontinued. See replacement:

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Cat.#2130.01

AC/DC Voltage Measurement

Range	1 to 1000V
Accuracy	$\pm(1\% R + 3V)$
Resolution	1 to 99.9V: 0.1V 100 to 1000V: 1V
Frequency Range	DC and 16 to 65Hz
Input Impedance	750k Ω approx.

Insulation Measurement

Test Voltage / Resistance Range	50V: 2k Ω to 200G Ω 100V: 4k Ω to 400G Ω 250V: 10k Ω to 1T Ω 500V: 20k Ω to 2T Ω 1000V: 40k Ω to 4T Ω
Measurement Accuracy	2k Ω to 39.99G Ω : $\pm(5\%R + 3ct)$ 40.0G Ω 4T Ω : $\pm(15\%R + 10ct)$
Auto Discharge	Discharge time < 2s/ μ F from Vtest to 25V
Live Circuit Indicator	Inhibit test if terminal voltage > 25V prior to initialization of test

Resistance Measurement

Range	0.01 Ω to 399.9k Ω
Accuracy	$\pm (3\%R + 3ct)$ at >4k Ω
Open Circuit Voltage	Approximately 12.4V DC
Short Circuit Current	<6mA DC

Continuity Measurement

Range	0.01 to 39.99 Ω
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For more details, download the datasheet or user manual at www.aemc.com

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Accuracy	± (3%R + 4ct) with lead compensation
Open Circuit Voltage	12.4V DC
Short Circuit Current	≥ 200mA DC from 0.01 to 20.00Ω
General Features	
Programmable Alarm	Yes
DAR – PI	Yes
Ramp Mode	No
Step Mode	No
Capacitance Measurement	0.05nf to 4.999μf, Accuracy: ± (10%R + 1ct)
Memory	20 Readings
Power Supply	Eight 1.5V C cell batteries (included)
Battery Life	≥ 21000 IR tests at 1000V into 1MΩ with a duty cycle of 5s on and 20s off; ≥ 16,000 R tests of 1Ω with a duty cycle of 5s on and 20s off
Charging Time	4.5 hours approximately
Dimensions	9.45 x 7.28 x 4.33" (240 x 185 x 110mm)
Weight	7.5 lbs (3.4kg)
Altitude Operating	6562' (2000m)
Operating Temperature	14° to +131°F (-10° to +55°C) ≤80% RH
Storage Temperature	-40° to +158°F (-40° to +70°C) ≤90% RH
IP Rating	IP 54
Safety Compliance	EN 61010-1, EN 61557, 600V CAT III, Pollution Degree 2



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