AEMC® INSTRUMENTS
CHAUVIN ARNOUX GROUP

Summary Sheet

Megohmmeter Model 1060

Cat. #2130.03
Digital, Analog Bargraph, Alarm, Timer, 50V, 100V, 250V, 500V, 1000V, Auto DAR/PI, Resistance, Continuity, RS-232 w/DataView® Software, 128kB Memory
Measures insulation resistance to 4000GΩ (4TΩ). Test results include DAR, PI, capacitance, voltage measurement, and duration of test. Memory function enables storage of test results. RS-232 interface allows connection to a computer running DataView® for configuring the instrument and downloading test results and generating reports.

Cat.#2130.03

AC/DC Voltage Measurement	
Range	1 to 1000V
Accuracy	±(1% R + 3V)
Resolution	1 to 99.9V: 0.1V 100 to 1000V: 1V
Frequency Range	DC and 16 to 65Hz
Input Impedance	750kΩ approx
Insulation Measurement	
Test Voltage / Resistance Range	50V: 2kΩ to 200GΩ 100V: 4kΩ to 400GΩ 250V: 10kΩ to 1TΩ 500V: 20kΩ to 2TΩ 1000V: 40kΩ to 4TΩ
Measurement Accuracy	2kΩ to 39.99GΩ: ±(5% R + 3ct) 40.0GΩ 4TΩ: ±(15% R + 10ct)
Auto Discharge	Discharge time < 2s/µF from Vtest to 25V
Live Circuit Indicator	Inhibit test if terminal voltage > 25V prior to initialization of test
Resistance Measurement	
Range	0.01Ω to 399.9kΩ
Accuracy	± (3% R + 3ct)
Open Circuit Voltage	Approximately 12.4V DC
Short Circuit Current	<6mA DC

For more details, download the datasheet or user manual at www.aemc.com

15 Faraday Drive • Dover, NH 03820 USA • (800) 343-1391 • (603) 749-6434 • www.aemc.com
customerservice@aemc.com • techsupport@aemc.com

AEMC® INSTRUMENTS
CHAUVIN ARNOUX GROUP

Copyright @2024 Chauvin Arnoux®, Inc. d.b.a AEMC® Instruments

Continuity Measurement	
Range	0.01 to 39.99Ω
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	128kB Memory / Stores over 1500 test results
Communication	Serial port RS-232 with USB adapter (included)
Software	DataView Software (included)
Power Supply	Rechargeable NIMH battery pack; external 85-256V, 50/60Hz
Battery Life	≥ 5000 IR tests at 1000V into 1MΩ with a duty cycle of 5s on and 20s off; ≥ 4000 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	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, CE

15 Faraday Drive • Dover, NH 03820 USA • (800) 343-1391 • (603) 749-6434 • www.aemc.com
customerservice@aemc.com • techsupport@aemc.com

Copyright @2024 Chauvin Arnoux®, Inc. d.b.a AEMC® Instruments