MEGOHMMETERS

1000V DIGITAL & MULTI-FUNCTION HANDHELD

MODEL 6528 & 6529

Insulation tester ideal for maintenance and repair operations on electrical equipment such as motors, cables, etc.

CDECIEICATIONS

SPECIFICATIONS		
MODELS	6528	6529
AC/DC VOLTAGE MEASUREMEN	Т	
Range	700 Vac, 700Vac+dc	
Accuracy		
DC AC+DC	±(1%R + 1ct)	
Resolution	±(1.2%R + 1ct)	
Frequency Range	DC & 30 to 440 Hz	
Input Impedance	25ΜΩ	
INSULATION MEASUREMENT	ZOIVIZZ	
Test Voltage/Resistance Range		
50V	_	$0.010 M\Omega$ to $420.0 M\Omega$
100V	_	$0.020 \text{M}\Omega$ to $420.0 \text{M}\Omega$
250V	$0.050M\Omega$ to $4200M\Omega$	$0.050 \text{M}\Omega$ to $420 \text{M}\Omega$
500V 1000V	0.100MΩ to 4200MΩ	0.100MΩ to 4200MΩ
Measurement Accuracy	0.20MΩ to 11.00GΩ	0.20MΩ to 11.00GΩ
40Ω/40ΜΩ/400ΜΩ	±(1.5%R + 1	Oct)
4.2G Ω	±(4%R + 10ct)	
11 G Ω	±(10%R + 10ct) (1000V range)	
CONTINUITY MEASUREMENT		
Range	0 to 40Ω (200mA test current ≤2Ω)	
Accuracy	1.2%R +3ct	
Resolution Max	0.01Ω	
Leads Compensation	Up to 5Ω	
Threshold	Audible signal triggered, Selectable ≤ 1 or 2Ω	
RESISTANCE MEASUREMENT		_
Range	0 to 420kΩ	
Accuracy	±(1.2 R + 3ct)	
Resolution Max	0.1Ω	
	Compares successive measurements to a reference value with alarm indication and red backlit display if	
DMR Mode	deviation changes by the programmed %. The difference between the new reading and the reference measure-	
	ment, along with the % devia	ation are displayed.
GENERAL		
Time Test	10 seconds to 39.59 mins selectable	
Display	LCD with backlight	
Power Supply	(6) AA Alkaline batteries (NEDA 15A or IEC LR6)	
Battery Life (5s ON, 25s OFF)	>2000 measurement in MΩ, >300h in V AC/DC, >6000	
Dimensions	measurement in Continuity Test 8.54 x 3.54 x 2.44" (217 x 90 x 62mm)	
Weight	1.68 lbs (760g)	
Operating Temperature	14° to 122°F (-10° to +50°C), 90% RH	
SAFETY		55 5,, 55 75 141
Safety Rating	IEC / EN 61010-1, 600V	CAT IV. CE mark
Ingress Protection	IP 40 (with leads of	
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probes (red/black) (Rated 1000V CAT IV, UL V2), soft carrying case, (6) 1.5V AA batteries and a user manual.

















FEATURES

- Selectable test voltages 250, 500 and 1000V (model 6528)
- · Selectable test voltages 50, 100, 250, 500 and 1000V (model 6529)
- Basic DMM functions; Volts, Continuity, Resistance
- DAR and PI ratio test functions (model 6529)
- · Dual line display to view the insulation value and real-time test voltage simultaneously in an easyto-read format
- DMR mode relative resistance comparison to a reference value
- 2-color backlighting easily shows alarm conditions
- · Shockproof sheath for excellent handling
- Automatic power-off function to optimize the battery life
- · Programmable alarm thresholds

ACCESSORIES/REPLACEMENTS

Catalog #2138.54

Continuity probe

Catalog #2117.73

Replacement pouch

Catalog #2971.04

Fuse - Set of (2) FF, 200mA, 1000V, 10kA,

6x32mm

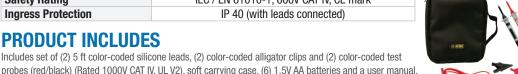
Catalog #5000.94

Lead - Set of (2) 5 ft colorcoded (red/black) silicone leads with 4mm straight/ right angle banana plugs (Rated 1000V CAT IV, UL)

Catalog #5000.97/#5000.98 Black/Red Test Probe (1000V CAT IV, 15A, UL V2)

Cat #5000.99/#5100.00

Clip - Safety Alligator -Black/Red (1000V CAT IV, 15A, UL V2)



CATALOG NO.	DESCRIPTION	
2126.54	Megohmmeter Model 6528 (Digital, 250V, 500V, 1kV, 420k-0hm, V, Continuity, Alarm & Timer)	
2126.55	Megohmmeter Model 6529 (Digital, 50V, 100V, 250V, 500V, 1kV, 420k-0hm, Continuity, Alarm, Time & PI/DAR)	



