Industrial Digital Megohmmeters

Protect both user and equipment

- Provides direct measurement of dielectric, polarization index, and capacitance
- Model 20018-29 offers programmable temperature compensation of resistance readings
- Measure insulation voltage levels even up to 5000 V

The programmable memory stores resistance values for specified time intervals. Features a dual display with a digital measurement and a bar graph to monitor changes or trends in readings. Automatic test inhibitor shuts down meter when live circuits exceed 25 V.

What's included: three test leads with hippo clips, one jumper lead, rechargeable batteries, 120 VAC power cord, and accessory bag. Models 27443-12 and 20018-29 also include Dataview® software and RS-232 cable.

Model		5050	5060	5070
Catalog number		GY-27443-10	GY-27443-12	GY-20018-29
Voltage	Range	500, 1000, 2500, 5000 V	500, 1000, 2500, 5000 V	500, 1000, 2500, 5000 V
	Accuracy	±5% of reading + 3 counts	±5% of reading + 3 counts	±5% of reading + 3 counts
Resistance	Range	20 kΩ to 10,000 GΩ	20 kΩ to 10,000 GΩ	20 kΩ to 10,000 GΩ
	Accuracy	±5% of reading	±5% of reading	±5% of reading
Voltage tester/safety check		0 to 1000 VAC/DC		
Voltage warning indicator		Yes, >25 V		
Test inhibition		Yes, 25 to 1000 V		
Memory		20 readings	128 kB	128 kB
Compliance		CAT III-1000 V (EN 61010-1)		
Power		9.6 V NiMH rechargeable battery pack; 85 to 256 V, 50/60 Hz		
Price				

CE

Accessories

GY-17101-25 **NIST-traceable calibration** with data for meters

Passive Component LCR Meter

Get quick and accurate measurements anywhere

- Use built-in test fixture or external test leads for added flexibility
- Open and Short calibration removes unwanted stray impedances from the measurement

Meter features a 20,000/2000-count backlit display allowing you to simultaneously view the primary parameter (L, C, or R) with the secondary parameter of Q (quality), D (dissipation), R (resistance), Θ (phase), or ESR (equivalent series resistance). Meter includes five test frequencies, user-selectable high/low limits using absolute values or percentage limits, a relative mode function, and parallel or series equivalent circuit measurement capabilities. Additional features include auto power off with disable, low-battery and overrange indicators, and an auto-select measurement function with 1 kHz default test frequency.

What's included: test leads and 9 V battery.

Model	LCR200
Catalog number	GY-20043-00
Test frequencies	100 Hz, 120 Hz; 1 kHz, 10 kHz, 100 kHz
Test frequency accuracy	± 0.5% rdg + 5 digits
Parameters measured	Q, D, R, Θ, ESR, L, C
Inductance ranges (resolution)	20, 200, 2000.0 µH; 20.0000, 200.00 mH; 2000.0, 20.000, 200.00, 2000.0 H (0.001 µH)
Capacitance ranges (resolution)	20, 200, 2000 pF; 20.000, 200.00, 2000.0 nF; 20.000, 200.00 µF; 2.0000, 20.00 mF (0.001 pF)
Resistance ranges (resolution)	20.00, 200.00 Ω; 2.0000, 20.000, 200.00 kΩ; 2.0000, 20.000, 200.0 MΩ (0.001 Ω)
Power	One 9 V battery (included) or optional AC adapter
Price	

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Accessories

GY-20043-01 **SMD tweezer**
GY-20043-02 **SMD component fixture**
GY-20043-03 **Soft carrying case**
GY-23402-20 **Adapter,** 110 VAC
GY-09376-04 **Replacement batteries,** 9 V. Pack of 4
GY-17090-38 **NIST-traceable calibration** with data for meter

Multiple-Output Dual-Range DC Power Supply

Protect tested devices from overvoltage and overtemperature

- Three independent channels with isolated output produce high-efficiency power conversion—up to 25% more than traditional power supplies
- Features reverse polarity, channel 3 overload protection, safe output setting, CC/CV mode, remote output on/off control, and low-noise fan with speed control circuit

What's included: two 10 A test leads, one 3 A test lead, and 6-ft (1.8 m) power cord.

Specifications

Load regulation: <0.2% + 3 mA
Line regulation: <0.2% + 3 mA
Ripple and noise: <10 mVrms (5 Hz to 1 MHz); <100 mVpp (20 Hz to 20 MHz)
Power requirements: 115/230 VAC ±15%, 50/60 Hz

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Model	Output	Dimensions (W x H x D)	Catalog number	Price
SPD-3606	CH1/CH2 independent: 0 to 30 V, 0 to 6 A; 0 to 60 V, 0 to 3 A CH1/CH2 series: 0 to 60 V, 0 to 6 A; 0 to 120 V, 0 to 3 A CH1/CH2 parallel 0 to 30 V, 0 to 12 A; 0 to 60 V, 0 to 6 A CH3: 0.1 to 5 V, 3 A	10" x 5¾" x 10½" (25.4 x 14.6 x 26.6 cm)	GY-20033-71	

GY-17090-16 **NIST-traceable calibration** with data for power supply