

Keysight 3458A Digital Multimeter, 8½ Digit



The Keysight Technologies Inc. 3458A multimeter, recognized the world over as the standard in high performance DMMs, provides both speed and accuracy in the R&D lab, on the production test floor, and in the calibration lab. The Keysight 3458A is simply the fastest, most flexible, and most accurate multimeter ever offered by Keysight Technologies. In your system or on the bench, the Keysight 3458A saves you time and money with unprecedented test system throughput and accuracy.

Select a reading rate of 100,000 readings per second for maximal test throughput. Or achieve highest levels of precision with up to 8.5 digits of measurement resolution and 0.1 part per million transfer accuracy. Add this to the Keysight 3458A's simplicity of operation, and you have the ideal multimeter for your most demanding applications.

Key Features

- 8-ppm 1 year dcV accuracy, optional 4-ppm
- 0.05 ppm dcV transfer accuracy
- Superior AC voltage measurements
- System capabilities: 100,000 readings per second at 4½ digits
- 148K reading memory for prolonged data logging

Learn more at: www.keysight.com

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Model	Description	Measurements	DC accuracy	Reading speed	Connectivity	Type
3458A	Ultra-performance multimeter, 8½ digits:	DC voltage	0.0004 %	100000 rdgs/s	GPIB RS232	Bench/system 4½ and 8½ digit
	DC and AC voltage	AC voltage				
	DC and AC current	Current				
	2 & 4 wire resistance	Resistance				
	Frequency and period	Frequency				
	Continuity	Temperature				
	Diode test					
	Temperature					

Options and accessories

Model	Description
11059A	Kelvin probe set
11062A	Kelvin clip set
34137A	Deluxe test lead set for the 3458A
34308A	Thermistor kit
34330A	30 A current shunt
3458A-002	High stability 4 ppm per year reference
3458A-H01	Special 1000 vrms ac maximum input voltage
3458A-OGC	Precision calibration, intended for metrology use only
3458A-A6J	ANSI Z540-1-1994 Calibration
82350C	PCI high-performance GPIB interface card
82357B	USB/GPIB interface high-speed USB 2.0
E2308A	Thermistor temperature probe
E5810B	LAN/GPIB/USB gateway
10338A	GPIB cable

For more details on Keysight digital multimeters and ordering information see “Keysight 3458 Multimeter” literature number 5965-4971E.

For a complete listing of available Keysight probes, see the Keysight Probes and Accessories Selection Guide, publication number 5990-4645ENUS.

For more information on Keysight attenuators, please visit: www.keysight.com/find/3458A

To find a distributor in your area, go to: www.keysight.com/find/distributors

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