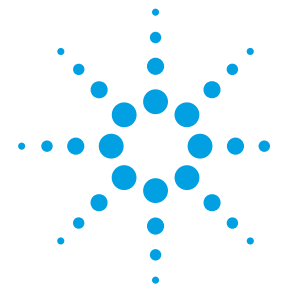


Quick Fact Sheet

Agilent 3458A Digital Multimeter, 8½ Digit

The Agilent 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 Agilent 3458A is simply the fastest, most flexible, and most accurate multimeter ever offered by Agilent Technologies. In your system or on the bench, the Agilent 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 Agilent 3458A's simplicity of operation, and you have the ideal multimeter for your most demanding applications.



Key specifications

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



Agilent Technologies

Quick Fact Sheet

Agilent 3458A Digital Multimeter, 8½ Digit

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

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-001	Extended memory
3458A-002	High stability 4 ppm per year reference
3458A-120	120-volt AC line selection
3458A-220	220-volt AC line selection
3458A-240	240-volt AC line selection
3458A-A6J	ANSI Z540 compliant calibration
82350B	PCI high-performance GPIO interface card
82357B	USB/GPIO interface high-speed USB 2.0
E2308A	Thermistor temperature probe
E5810A	LAN/GPIO gateway
10833x	GPIO cable

For more details on Agilent digital multimeters and ordering information see

"Agilent 3458 Multimeter" literature number 5965-4971E.

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

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

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

Recommended service options

Additional two years of Return-to-Agilent warranty

Additional two years of Return-to-Agilent calibrations

For more information go to www.agilent.com/find/removealldoubt

