34450A Digital Multimeter

Fast Reading Speed and high Accuracy with OLED Multimeter

Turbocharge your production line with the Keysight 34450A 5.5-digit multimeter with OLED display. With its fast speed of up to 190 readings per second, you can increase your manufacturing throughput tremendously. Get highly accurate, repeatable, and trustworthy measurements with 0.015% DCV accuracy designed to meet general industrial and educational needs.

Figure 1. Keysight 34450A Digital Multimeter

Model/Option	Description
34450A	34450A Digital Multimeter
34450A-800 [1]	GPIB connectivity enabling
34450A-801 [1]	50,000 memory for data logging
34450A-UK6 [1]	Commercial calibration certificate with test data included
3445GPBU [2]	GPIB connectivity upgrade
3445MEMU [2]	50,000 memory points upgrade for data logging

1. License upgrades available
2. Upgrades can be purchased separately from the base model, 34450A, at any time

Features	Description
Display	OLED with dual display
Resolution	5 ½
Operating specifications	
Measurement speed	190 readings/s
Accuracy	0.015% for DCV
Measurement functions	
	DCV, DCI, True RMS ACV, and ACI, 2-wire and 4-wire measurement, Diode, Continuity, Frequency, Capacitance, Temperature
Math functions	
	Null, Hold, Min/Max/Average, dB, dBm, Limit test
Data management	
Memory	Up to 50,000 readings[3]
Histogram	Yes
Front panel data logging	Yes
Remote control	
Interface	USB 2.0 (TMC-488.2), Serial interface (RS-232), GPIB 1
Programming language	SCPI, IEEE488.1, IEEE488.2, Fluke 45 and Fluke 8808A
Drivers	IVI-COM
Security features	
	Kensington lock, Front panel keypad lock

3. Options that need to be purchased together with the base model. 34450A

Figure 2. Bright OLED dual display makes reading measurement an effortless task.

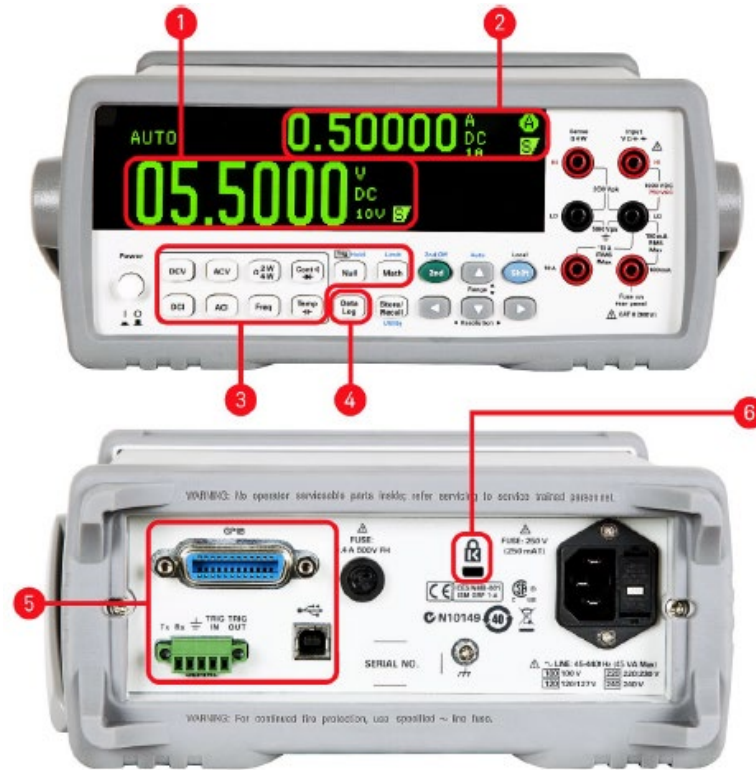More Information: www.keysight.com/find/34450A

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The 34450A DMM comes with

- Test lead kit
- Power cord
- USB interface cable
- Certification of calibration

Recommended accessories

Part number	Description
10833A/B/C/D/F/G	GPIB cable
82350B	Interface card, high-performance PCI to GPIB
82357B	USB/GPIB interface
34138A	Test lead set
E2308A	Thermistor temperature probe – 40 to +150 degrees C, 5 kΩ
34190A	Rackmount kit
34191A	2U dual flange kit
34194A	Dual lock link kit
34138A	Test lead set

Figure 3. Recommended accessories

1. Fast 190 readings /sec and 0.015% DCV accuracy to help you achieve throughput breakthrough

2. 5.5 digit OLED dual display allows a clear and quick view of measurements

3. 11 measurement functions: DC & AC voltage, DC & AC current, 2- and 4-wire resistance, frequency, continuity, diode test, capacitance, temperature

4. Up to 50,000 memory points for data logging and histogram function

5. Multiple choice of connectivity and trigger in and out capability provides greater flexibility for production data analysis

6. Kensington lock to secure the unit better

7. BenchVue software included

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