

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

The 34450A DMM comes with

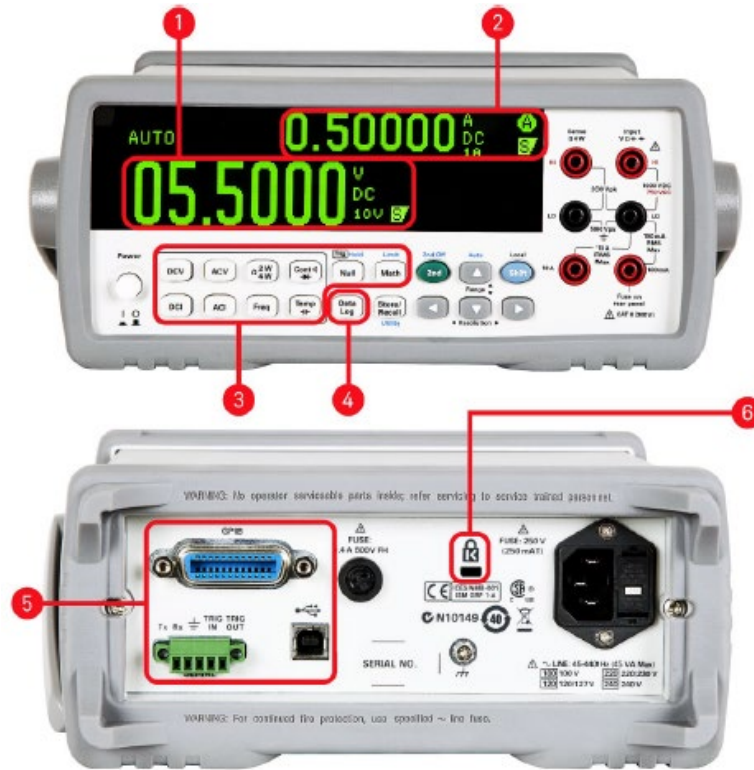
- Test lead kit
- Power cord
- USB interface cable
- Certification of calibration

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

Keysight enables innovators to push the boundaries of engineering by quickly solving design, emulation, and test challenges to create the best product experiences. Start your innovation journey at www.keysight.com.