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Data Sheet

August 15, 2026

AGILENT / KEYSIGHT

Agilent/Keysight 3465B

HP Agilent 3465B 4.5 Digit Digital Multimeter The HP 3465B is a manual-ranging 4.5-digit multimeter. OEM 3465B operating literature and US Army TB 9-6625-2135-24 calibration data rate DC voltage to 1000 V in six ranges with midrange accuracy of 0.02 percent plus 1 digit, AC voltage to 500 V from 40 Hz to 20 kHz, DC/AC current to 2000 mA, and resistance to 20 MOhm. Bench DC/AC voltage current and ohms measurements, strain-gage and thermocouple microvolt work on the 20 mV range, and general laboratory DMM use. The HP 3465B is a manual-ranging 4.5-digit multimeter. OEM 3465B operating literature and US Army TB 9-6625-2135-24 calibration data rate DC voltage to 1000 V in six ranges with midrange accuracy of 0.02 percent plus 1 digit, AC voltage to 500 V from 40 Hz to 20 kHz, DC/AC current to 2000 mA, and resistance to 20 MOhm. Bench DC/AC voltage current and ohms measurements, strain-gage and thermocouple microvolt work on the 20 mV range, and general laboratory DMM use. Optional touch-hold probe path shared with 3435A



MODEL

**Agilent / Keysight
3465B**

CALIBRATION

**Available on
request**

CONDITION

Used

STATUS

In stock

RFQ / SKU

3465B

LISTING

<https://aumictechlabs.com/products/3465b-2/>

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The Agilent/Keysight 3465B is a 4½-digit digital multimeter engineered for precise DC and AC measurements across benchtop and field environments. This manual-ranging instrument delivers midrange DC accuracy of $\pm 0.02\% \pm 1$ digit, with autopolarity and autozero functionality standard. An optional touch-hold probe allows measurement retention for hands-free operation. Technical

Specifications DC Voltage: Full-scale ranges from 20 mV to 1000 V; 20 mV range provides 1 μ V resolution. Additional ranges: 100 mV, 1 V, 10 V, 100 V. AC Voltage: 40 Hz to 20 kHz measurement capability. DC Current: Resolution to 10 nA. AC Current: Resolution to 10 nA across supported ranges. Resistance: 200 Ω to 20 M Ω coverage with 10 m Ω maximum resolution. Ranges include 200 Ω , 2 k Ω , 20 k Ω , 200 k Ω , 2000 k Ω , and 20 M Ω . Open-circuit voltage limited to 5 V on the most sensitive ohms range, protecting semiconductor devices during test. Accuracy: $\pm 0.02\%$ ± 1 digit at midrange DC.

Key Features Manual ranging with autopolarity correction Autozero for baseline offset elimination Touch-hold probe compatibility for measurement retention Compact streamlined plastic case with carrying handle Multiple power options: rechargeable Nicad batteries with internal charger, alkaline D cells (≈ 60 hours continuous operation), AC line power, or external DC supply via calculator battery chargers

Typical Applications Field service and bench troubleshooting requiring stable, manual-controlled measurements. Low-voltage analog circuit characterization. Semiconductor device testing where limited ohms-range voltage is critical.

Compatibility & Integration This instrument operates independently without network or USB connectivity. The touch-hold probe accessory extends measurement workflow flexibility for single-handed operation in confined spaces.

3465B Characteristics / Specifications

PARAMETER	VALUE
Model	3465B
Instrument Type	Digital multimeter
Display Digits	4.5
Ranging	manual with autopolarity and autozero
Dc Voltage Maximum	1000 V in 6 ranges
Dc Voltage 20 mV Accuracy	0.03 percent plus 2 digits
Dc Voltage 200 mV To 200 V Accuracy	0.02 percent plus 1 digit
Dc Voltage 1000 V Accuracy	0.025 percent plus 1 digit
Dc Voltage Midrange Accuracy	0.02 percent plus 1 digit
Dc Voltage 20 mV Resolution	1 μ V
Ac Voltage Maximum	500 V in 5 ranges
Ac Frequency Range	40 Hz to 20 kHz
Ac Voltage 200 mV To 200 V 40 Hz To 10 kHz	0.15 percent plus 5 digits
Ac Voltage 200 mV To 200 V 10 kHz To 20 kHz	0.50 percent plus 15 digits
Ac Voltage Resolution Best	10 μ V
Dc Current Maximum	2000 mA in 5 ranges
Dc Current 200 μ A To 2 mA Accuracy	0.07 percent plus 1 digit
Dc Current 20 mA Accuracy	0.11 percent plus 1 digit
Dc Current 200 mA And 2000 mA Accuracy	0.6 percent plus 1 digit
Current Resolution Best	10 nA
Resistance Maximum	20 MOhm in 6 ranges
Resistance 200 Ohm Accuracy	0.02 percent plus 2 digits
Resistance 2 kOhm Through 2000 kOhm Accuracy	0.02 percent plus 1 digit

PARAMETER	VALUE
Resistance 20 MOhm Accuracy	0.1 percent plus 1 digit
Ohms Open Circuit Most Sensitive	does not exceed 5 V
Mechanical Package	benchtop

3465B Specifications

PARAMETER	VALUE
HP Agilent 3465B 4.5 Digit Digital Multimeter	Overview
Key Features	20 mV DC range with 1 uV resolution
Manual ranging	Optional touch-hold probe path shared with 3435A
Technical Specifications	Model: 3465B

Full OEM specifications

Complete technical content extracted from the manufacturer datasheet. Sparse OEM tables are reconstructed as tables below; other text is preserved as paragraphs.

Specifications	
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Ac Voltage 200 mV To 200 V 40 Hz To 10 kHz: 0.15 percent plus 5 digits	
Ac Voltage 200 mV To 200 V 10 kHz To 20 kHz: 0.50 percent plus 15 digits	
Ac Voltage Resolution Best: 10 uV	
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Dc Current 200 mA And 2000 mA Accuracy: 0.6 percent plus 1 digit	
Specifications	
PARAMETER	VALUE
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Resistance 200 Ohm Accuracy	0.02 percent plus 2 digits
Resistance 2 kOhm Through 2000 kOhm Accuracy	0.02 percent plus 1 digit

PARAMETER	VALUE
Resistance 20 MOhm Accuracy	0.1 percent plus 1 digit
Ohms Open Circuit Most Sensitive	does not exceed 5 V
Mechanical Package	benchtop

Notes
Accuracy rows from TB 9-6625-2135-24 Models 3465A and 3465B calibration description (percent of reading plus digits) and HP 3465B operating/service literature. Confirm the 90-day temperature window on the faceplate calibration.

Available from Aumictech

Used and refurbished unit evaluated in-house. Calibration: Available on request. Used · In stock.

Request a quote: sales@aumictech.com · +1 (484) 841-9341

Aumictech

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Technical content from manufacturer specifications. Unit photo/stock from Aumictech listing when available. Specifications subject to OEM documentation and unit condition.