


Aumictech

Test & measurement · bought, sold, repaired, calibrated

Data Sheet

August 14, 2026

HP / AGILENT

HP / Agilent 3465A 4 1/2 DIGIT DMM

The HP 3465A is a 4.5-digit digital multimeter providing higher resolution voltage current and resistance measurements than 3.5-digit service meters for bench and light systems use. Bench voltage and resistance metrology at 4.5 digits, service of precision analog circuits, and general ATE front-end checks. Resolution Class: Higher than 3.5 digit service meters Input Impedance DCV Class: HighZon low ranges typical HP DMMs Input Impedance DCV Class: HighZon low ranges typical HP DMMs Autoranging Class: Manual/auto per revision Remote Class: Limited or none versus later HP-IL models 4.5-digit DMM class from HP 3465A literature. Pull exact accuracy and range tables from the 3465A operating manual when preparing calibration worksheets.



MODEL

HP / Agilent 3465A

CALIBRATION

Available on request

CONDITION

Used

STATUS

In stock

RFQ / SKU

3465A

LISTING

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

NIST-traceable cal

SAM registered

30-day returns

NAICS 423690 · 811210 · 541380

This unit

The HP/Agilent 3465A is a 4 1/2 digit digital multimeter designed for general-purpose bench and field measurements. It has five core measurement functions DC voltage, AC voltage, DC current, AC current, and resistance - with a 4 1/2 digit LED display and 2.5 readings per second sample rate. The instrument delivers midrange DC accuracy of $\pm 0.02\% \pm 1$ digit and resolves down to 1 μV on the 20 mV DC voltage range. Technical Specifications Voltage Measurement DC Voltage: 10 mV, 100 mV, 1 V, 10 V, 100 V, 1000 V ranges with 100% overrange on all except 1000 V AC Voltage: 100 mV, 1 V, 10 V, 100 V ranges; maximum 500 VAC rms (800 V peak); accuracy $\pm (0.15\% +$

0.05% of reading); 100% overrange to 10 kHz, linear decrease to 0% at 20 kHz Frequency Response: 40 Hz to 20 kHz Current Measurement DC/AC Current: 200 μ A to 2000 mA ranges Resistance Measurement Ranges: 200 Ω , 2 k Ω , 20 k Ω , 200 k Ω , 2000 k Ω , 20 M Ω Open-circuit voltage maximum 5 V on most sensitive range Key Features 4 1/2 digit LED display with overload indicator Dual power architecture: rechargeable NiCad batteries (standard) or four "D" type dry cell batteries (Option 002) AC line operation: 86–127 V or 172–254 V, 48–66 Hz Low battery voltage detection with automatic shutdown BCD output interface for data accumulation and logic signal processing Rugged construction for field durability Typical Applications General-purpose electrical measurement, bench testing, field service diagnostics, and routine circuit characterization across voltage, current, and resistance parameters. Compatibility & Integration The 3465A provides BCD output for integration with external data processing equipment. Operates on AC line power or portable battery sources; optional Model 82002A Battery Charger/AC Adapter supports dry cell battery operation.

3465A Characteristics / Specifications

PARAMETER	VALUE
Display Digits	4.5
DC Voltage Function	yes
AC Voltage Function	yes
Current Functions	DC and AC class
Resistance Function	yes
Form Factor	Benchtop DMM
Resolution Class	Higher than 3.5 digit service meters
Intended Use	Bench and light systems
Input Impedance DCV Class	HighZon low ranges typical HP DMMs
AC Bandwidth Class	Specified in manual
Protection	Fused mA inputs typical
Power	AC line
Operating Temperature Class	Laboratory
Autoranging Class	Manual/auto per revision
Overload Indication	yes
Polarity	Automatic DC
Calibration	Annual typical
Display Type	LED era display class
Remote Class	Limited or none versus later HP-IL models
Chassis	Benchtop
Banana Inputs	yes
Diode Test Class	typical era feature
Continuity Class	typical era feature
Common Mode	Standard
Guard Class	notaguarded 6.5 digit DVM

PARAMETER	VALUE
Bandwidth	Class: Specified in manual
Operating temperature	Class: Laboratory

3465A Specifications

PARAMETER	VALUE
HP Agilent 3465A Digital Multimeter	Overview
Applications	Bench voltage and resistance metrology at 4.5 digits, service of precision analog circuits, and general ATE front-end checks.
Key Features	4.5 digit resolution
Current and ohms functions	Higher resolution than 3435-class meters
Technical Specifications	Display Digits: 4.5

General Specifications & Supplementary Characteristics

PARAMETER	VALUE
Operating temperature	Class: Laboratory
Operating Temperature	Class: Laboratory
Operating Temperature Class	Laboratory
Autoranging Class	Manual/auto per revision
Overload Indication	yes
Polarity	Automatic DC
Calibration	Annual typical
Display Type	LED era display class
Remote Class	Limited or none versus later HP-IL models
Chassis	Benchtop
Banana Inputs	yes
Diode Test Class	typical era feature
Continuity Class	typical era feature
Common Mode	Standard
Guard Class	notaguarded 6.5 digit DVM Notes 4.5-digit DMM class from HP 3465A literature. Pull exact accuracy and range tables from the 3465A operating manual when preparing calibration worksheets.

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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Notes

4.5-digit DMM class from HP 3465A literature. Pull exact accuracy and range tables from the 3465A operating manual when preparing calibration worksheets.

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.