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Find the *Keysight / Agilent 3466A* at our website: ***Click HERE***

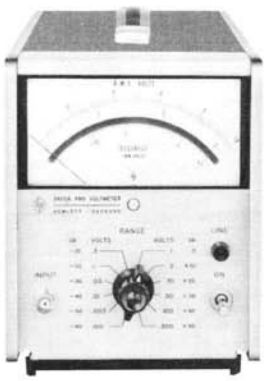
DIGITAL MULTIMETERS

Bench, General Purpose and Wide Bandwidth

HP 3466A/3400A



HP 3466A



HP 3400A

HP Model 3466A

The HP 3466A is a 4 ½ digit autoranging multimeter offering six functions ACV, DCV, ACI, DCI, Ohms, and Diode Test. ACV and ACI measurements are true rms with selectable ac or dc coupling. Available with rechargeable batteries or ac power only, it offers 1 μvolt and 1 mOhm sensitivity with zero adjustment on the lowest ranges to compensate for external offsets.

Specifications

DC Voltage

Range	Maximum Display	Accuracy: 1 year. 15 to 30 deg. C ±(% of reading + # of counts)
20 mV	±19.999	0.05 + 3
200 mV	±199.99	0.04 + 2
2 V	±1.9999	0.03 + 1
20 V	±19.999	0.03 + 1
200 V	±199.99	0.035 + 1
1200 V	±1199.9	0.035 + 1, <700 V input
1200 V	±1199.9	0.055 + 1 >700 V input

AC Voltage (true-rms responding, true-rms calibrated)

Frequency Range	Accuracy: 1 year. 15 to 30 deg. C ±(% of reading + # counts)
20 to 30 Hz	2 + 50
30 to 50 Hz	1 + 30
50 Hz to 10 kHz	0.3 + 20
10 to 20 kHz	1 + 40
20 to 100 kHz	2 + 150

Maximum input: (ac+dc)V:± 1200 Vdc, 1700 V (dc + peak ac); acV: ±600 V dc,1700V(peak ac + dc); 10^7 volt-Hz max.
Crest Factor: 4:1 at full scale.

Resistance

Ranges: 20 Ohm to 20 MOhm in 7 ranges
Input Protection: 250V or 350V (dc + peak ac).

Range	Accuracy: 1 year. 15 to 30 deg. C ±(% of reading + # counts)
20 to 200 Ohm	0.08 + 2
2 kOhm to 200 kOhm	0.03 + 1
2000 kOhm	0.04 + 1
20 MOhm	0.15 + 1

Current

Maximum Input: current: 2 A (fused protected). Voltage: 250 V

DC Current

Range	Accuracy: 1 year. 15 to 30 deg. C ± (% reading + # counts)
200 μA, 2mA, 20mA	0.07 + 2
200 mA	0.15 + 2
2000 mA	0.5 + 2

AC Current

Range	Frequency	Accuracy: 1 year. 15 to 30 deg.C ±(% reading + # counts)
200 μA to 200 mA	20 to 30 Hz	2.0 + 50
	30 Hz to 10 kHz	0.9 + 35
2000 mA	20 to 30 Hz	2.0 + 50
	30 Hz to 10 kHz	1.2 + 20

Ordering Information

	Price
HP 3466A Digital Multimeter. Standard configuration in a streamlined portable case with handle, ac line power, batteries and charger, and test leads.	$1290 ☎
Opt 001 streamlined portable case, ac line power only	−$75
Opt 002 Rack and Stack case, ac line power only. (Rack mount kit not included.)	−$10

☎ For same-day shipment, call HP DIRECT at 800-538-8787.

HP Model 3400A

The HP 3400A is a true rms analog voltmeter. Six-decade frequency coverage makes the HP 3400A extremely flexible for audio and RF measurements up to 10 MHz and permits the measurement of broadband noise and fast risetime pulses.

Pulses or other non-sinusoids with crest factors up to 10:1 can be measured full scale. Plots of measured data and higher resolution measurements can be produced by connecting a dmm to the convenient rear-panel dc output which produces a linear 0 to 1 volt output proportional to the meter deflection.

Specifications

Voltage Range: 1 mV to 300 V full scale, 12 ranges.
dB Range: −72 to + 52 dBm (0 dBm = 1 mW into 600 Ohm).
Frequency range: 10 Hz to 10 MHz.
Response: responds the rms value (heating value) of the input signal for all waveforms.
Meter accuracy: % of full scale (20 to 30 deg. C)*

10 Hz	50 Hz	1 MHz	2 MHz	3 MHz	10 MHz
5%	1%	2%	3%	5%	

AC to DC converter accuracy: % of full scale (20 to 30 deg. C)

10 Hz	50 Hz	1 MHz	2 MHz	3 MHz	10 MHz
5%	0.75%	2%	3%	5%	

* TC: 0.1% from 0 to 20 and 30 to 55 deg.C

Crest Factor: (ratio of peak to rms amplitude of input signal): 10:1 at full scale.
Input impedance: from 0.001 to 0.3V range: 10 MOhm shunted by <50 pF. 1.0 to 300 V range: 10 MOhm shunted by < 20 pF, ac coupled input.
Output: negative 1 V dc into open circuit at full scale deflection, proportional to meter deflection from 10 to 100% of full scale. 1 mA maximum; nominal source impedance is 1 kOhm. Output noise is <1mV rms.
Accessories furnished: 10110A adapter, BNC to dual banana jack.

Ordering Information

	Price
HP 3400A RMS Voltmeter	$2195
Opt 001 expands the dB scale by placing it on the top of the meter. Rear terminals in parallel with front terminals and linear log scale uppermost on the meter face are available on special order.	+$60
Opt 508 extends range to 20 MHz	+$200

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