

CLAMP ON AMMETER

HIOKI

CLAMP ON AC/DC HI TESTER

3265

Handy Micro-Computer Controlled AC/DC Clamp-on Ammeter



This handy-size clamp-on ammeter offers incredible ease in measurement of AC and DC currents. To fully meet diverse user requirements, the 3265 clamp-on AC/DC ammeter is completely microcomputer-controlled to measure not only AC and DC amperage and voltage, but also frequency, as well as reading out maximum, minimum and average values. One-touch adjust for DC offset makes instant zeroing possible, and the standard output terminal means that it can be utilized in equipment characteristic trials.



Measures maximum, minimum and average values, as well as frequency

● Maximum auto-ranging through AC/DC 1000A

In addition to maximum AC/DC current measurement up through 1000A, the 3265 also offers 0.1A resolution for smaller amperages of 100A and under. The system functions perfectly up through AC750V or DC1000, and is equipped with auto-ranging, auto-polarity functions.

● Display of maximum, minimum and average readings

In addition to the well-received Hioki peak-hold function, a new valley-hold function has been added to capture minimum values. For fluctuating readings, a handy averaging function provides 4-second averages.

● Frequency measurement for 10~999Hz

At last, a DC ammeter with simple zeroing. The auto-zero function means one-touch operation.

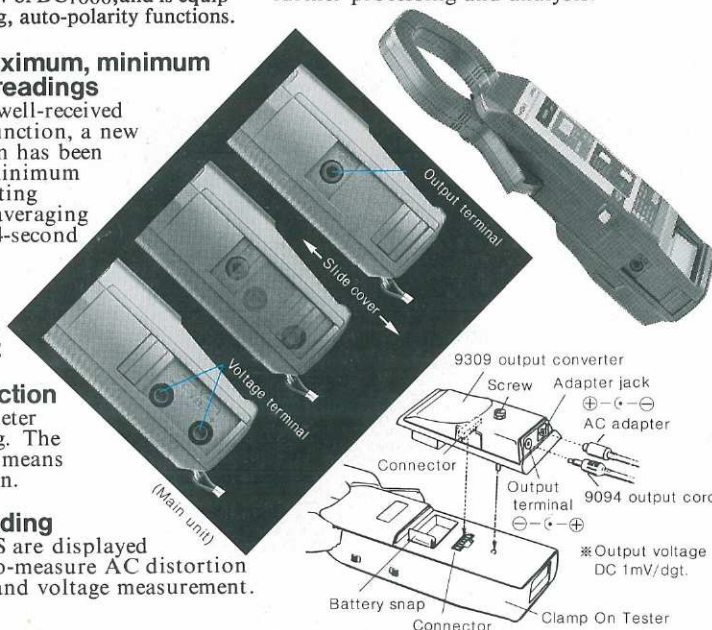
● True RMS reading

Accurate, true RMS are displayed even for difficult-to-measure AC distortion waveform current and voltage measurement.

● Data hold

● Output terminal

The output terminal allows connection to waveform monitors or data recorders, while the optional 9309 output converter enables all numerical data displayed by the 3265 to be output and recorded for further processing and analysis.



■ General specifications

Operation: Sequential comparative
 Display: LCD, maximum readout 999, unit symbol display, values below 5 counts in voltage and current measurement are displayed as 000
 Display hold: Display hold provided through data hold switch.
 Detection: True RMS
 Range select: Auto-ranging
 Input overload: O.L. display
 Polarity display: Automatic polarity switching, "-" only displayed
 Battery low display: [B] symbol displayed
 Response time: AC circuit characteristics about 120ms
 Sampling rate: Approx. 2 times/sec (averaging is 1 time/4sec)
 Peak/valley hold: Maximum and minimum current and voltage values held, AC circuit characteristics about 120ms
 Auto-zero function: 0.ADJ switch supports one-touch setting of offset for DC current and voltage.
 Operation temperature/humidity: 0~40°C., 80%RH maximum (no condensation)
 Temperature characteristics: 0~40°C., current $\pm 2.5\%$ max., voltage $\pm 1.50\%$ max.
 Frequency characteristics: ACA $\pm 2.5\%$ maximum from 20Hz~1kHz, ACV $\pm 1.0\%$ from 20Hz~1kHz
 Crest factor: 2.5 maximum at f.s. of each range
 Effect of conductor position: $\pm 0.7\%$ maximum
 Effect of external magnetic fields: 1.5A maximum for external magnetic field of 400A/m
 Power supply: 006P battery, one unit:
 Continuous operation about 25 hours for current measurement only, or 60 hours for voltage.
 Power consumption about 90mW for current, 45mW for voltage measurement
 Maximum input: Maximum current 2000A (maximum wave voltage 600V), maximum voltage 1500V (wave maximum)
 Dielectric strength: Case to input terminal is 2.5kV/min
 Output voltage: $\pm 1000\text{mV/fs}$ ($\pm 1.3\%$ rdg, $\pm 0.3\%$ fs)
 Measurable conductor diameter: 46mm diameter, or 50mm wide busbar
 Dimensions and weight: 252H x 63W x 40D (mm), about 560 g
 Accessories: 9067 test lead (1 set), 006P battery (1 unit), 9355 carrying case (1 unit)

■ Measurement range

(23°C. $\pm 5^\circ\text{C}$., 80% RH maximum, 50/60Hz)

Function	Mode	Range	Accuracy
DC A	NORMAL AVERAGE	100/1000A	$\pm 1.3\%$ rdg. ± 3 dgt.
	PEAK VALLEY	1000A	
AC A	NORMAL AVERAGE	100/1000A	$\pm 0.3\%$ rdg. ± 1 dgt.
	PEAK VALLEY	1000A	
	Hz	*1 100/1000Hz	
DC V	NORMAL AVERAGE	100/1000V *2	$\pm 1.0\%$ rdg. ± 3 dgt.
	PEAK VALLEY	1000V *2	
	Hz	*1 100/1000Hz	
AC V	NORMAL AVERAGE	100/750V *2	Input resistance Approx. 2M Ω
	PEAK VALLEY	750V *2	
	Hz	*1 100/1000Hz	

Note: *1 Frequency measurement range is 10~999Hz.
 *2 The measurement ranges for 9309 output converter are 750V DC and 600V AC.

● Optional accessories

9094 output cord
 CT-101A line splitter
 9131 clamp adapter
 9309 Output converter (With 9094 output cord/Output voltage DC 1mV/dgt., 9309 requires a rated 11.5 $\pm 1\text{V}$, 75mA AC adapter power supply).

Standard packing (double carton box)

	Sets	N.W.kg	G.W.kg	M ³
3265	10	9	11	0.1

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