

HIOKI

CLAMP ON CURRENT METER

3261•3262 DIGITAL CLAMP ON HI TESTER

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3262

Multi-Function, Multi-Mode, True-RMS

- Measurement function
AC voltage, AC current, and ohms
- Measurement mode
Normal, Average, Peak, and Frequency
(in the voltage and current function)
Ohms and Temperature
(in the ohms function)
- 3262; True-RMS AC measurements



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- Meter features a wide range of practical functions. AC current, AC voltage, ohms, frequency (voltage & current), temperature (when used with optional 9029 Thermistor Temperature Probe).
- Autoranging (excluding 10A range).
- Display averaging circuit.
- Peak hold function

- Circuit protection for overvoltages up to AC 250V.
- 250V non-arcing protection fuse. (3261-50 and -51 use 600V/1A fuse for an additional safety margin.)
- Insulated test leads and collared terminals protect against accidental shock.
- Compact, lightweight.

General Specifications

Operating method: Sequential comparator operation.
 Display: LCD (max. reading of 999), unit annunciators.
 Range selection: Autoranging, excluding 10A range.
 Overload indicator: OL indicated in display.
 Low battery warning: BATT appears in display.
 Response time: ACA, ACV, approx. 3 sec; ohms, approx. 1 sec.
 Sampling rate: Approx. two samples per second. (One sample in four seconds (approx) in display averaging mode, one sample per second for frequency measurements.)
 Peak hold: Holds peak ACA or ACV reading. Circuit time-constant: 3261: 200ms(approx.) 3262: 120ms(approx.)
 Operating temperature/humidity: 0~40°C <80% RH (no condensation)
 Storage temperature: -10~60°C (no condensation)
 Temperature coefficient: ±500ppm/°C, 0~40°C
 Frequency response: At 40~500Hz
 ±2.5% (10A range)
 ±1.5% (100A, 1000A range)
 ±1.0% (100V, 1000V range)
 Crest factor: <2.2(3262)
 Power source: One 006P battery (continuous use life, approx. 80 hours)
 Max. allowable input:
 ACV: max. 1500V (peak-value)
 ACA: (max. 600V line)
 10A range, max. 100A
 100, 1000A range, max. 1400A (1 min.)
 Ohms: 3261; fuse protection (250V/0.5A non-arcing)
 3261-50; fuse protection (600V/1.0A non-arcing)
 (Max. input voltage: AC 250V)
 Dielectric strength:
 AC 3kV/1 min. between case, input terminals, and clamp core.
 Clamp jaw opening: Accommodates 46mm conductor, or 50×20mm bus bar.
 Dimensions: 230H×63W×40D (mm)
 Weight: 420g (approx)
 Accessories: 9067 Test leads, 1 set; Battery (006P), 1; Spare fuse (0.5A non-arcing), 1; 9148 Carrying case, 1.



Specifications

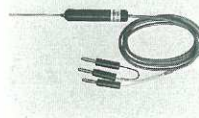
Measurement Range and Accuracy

(Specified for 23°C ± 5°C, < 80% RH, following zero adjust.)

Function	Mode	Range	Accuracy	Note
AC A	NORMAL	10/100/1000A	±1.0% rdg. ±5 dgt.	50, 60Hz
	AVERAGE			
	PEAK	10/1000A	±0.5% rdg. ±1 dgt.	10A: Push
	Hz	10~300Hz		
AC V	NORMAL	100/1000V	±1.0% rdg. ±3 dgt.	50, 60Hz
	AVERAGE			
	PEAK	1000V	±0.5% rdg. ±1 dgt.	Input resistance: 10MΩ (approx.)
	Hz	10~300Hz		
OHMS	Ω	1000Ω/10kΩ	±1.0% rdg. ±3 dgt.	
	°C	-50~150°C	±2 dgt. (Meter only)	Use 9029 Temp. probe

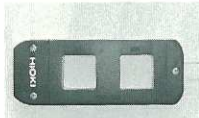
Optional Accessories

9029 Thermistor Temperature Probe



- Thermistor type sensing element used for compact probe construction.
- Covers a range of -50 to +150°C, direct-reading display Accuracy:
-50~50°C (±3°C),
50~100°C (±4°C),
100~150°C (±5°C)

CT-101A Line Splitter



- Using the CT-101A Line Splitter increases meter sensitivity by factor of 10; and permits readings directly from appliance line cords. Max. rating: 15A

Ordering Information

- 3261-00 • 3262-00 (0.5A/250V fuse)
3261-01 • 3262-01
(Includes 9029 Temperature Probe)
- 3261-50 • 3262-50
(0.5A/250V & 1A/600V fuse)
3261-51 • 3262-51
(Includes 9029 Temperature Probe)

Standard Packing (Double carton box)

Sets	N.W.(kg)	G.W.(kg)	M ³
25	18	21	0.13m ³

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