

CLAMP ON CURRENT METER

HIOKI

CLAMP ON LEAK HI TESTER

3263

True-RMS (3263-01)

Measures a Very Small Leak Current

- Resolution: $10\mu\text{A}$
- Average and Peak current measurements
- Recorder output
- Data hold



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A wide range of current from a very small leak current to a large load current of up to 100A can be measured while the object circuit is in operation. Average and peak current measurement modes are supported and recorder output terminals

are provided. The clamper is made of highly permeable material, to improve accuracy by minimizing read errors due to external magnetic fields and differences in positioning of the object conductor.

● **A high-sensitivity range with a full scale of 10mA (a resolution of 10 μ A)**

Makes it possible to measure a very small leak current exactly.

● **Built-in microcomputer**

Provides many functions such as average and peak current measuring functions, making a variety of measurement possible.

● **True-RMS AC measurements (3263-01)**

3263-01 has an True-RMS converter in the

rectifying circuit, making it possible to measure distorted leak currents.

● **Recorder output**

It is possible to connect an external recorder to print a hard copy of current recorder.

● **Wide measurement range**

5 steps of range setting (from 10mA to 100A) make is possible to measure a wide range or currents.



Specifications

Measurement Range
(Specified for 23°C \pm 5°C, 80%RH, following zero adjust.)

	Mode	Range	Accuracy
AC. A	Normal Average	L: 10/100mA	$\pm 1\%$ rdg. ± 5 dgt. Output terminal
		M: 1/10A	
		H: 100A	
	Peak	L: 100mA	
		M: 10A	
		H: 100A	

(50, 60Hz)

General Specifications

- Operating System: Successive comparison type.
- Display: Liquid crystal with a maximum value of "999", unit and symbols displayed.
- Display Hold: Display is held by means of a pushbutton switch.
- Range Switching: Semi-automatic ranges
- Input Overload: O. L. indication
- Low-Battery Warning: BATT mark lights up.
- Output Terminal: 1V DC for maximum display value of 1000 counts.
- Response Time: Approx. 120 msec (circuit time constant)
- Sampling Rate: Approx. twice per second. (About once per 4 seconds for average reading.)
- Peak Hold: Maintains maximum value. (Response depends on the response time.)
- Frequency Characteristics: Less than $\pm 1.5\%$ for 40Hz to 1 kHz.
- Temperature Characteristics: Less than $\pm 1\%$ for 0 to 40°C
- Effect of External Magnetic Field: 5mA for an external magnetic field of 400A/m.
- Effect of Conductor Position: Within $\pm 0.1\%$ irrespective of position in the core.
- Crest Factor: 3.5 (3263-01)
- Power Supply: One 006P (Approx. 80 hours continuous operating time.)
AC adapter (9V - 200mA)
- Power Consumption: Approx. 40mW
- Operating Temperature and Humidity: Temp. 0 to 40°C, Hum. less than 80% R.H. (NO condensation.)
- Max. Circuit Voltage: 600V AC
- Withstand voltage and Insulation Resistance:
2200V AC for one minute (Between core metal section and case metal.)
2200V AC for one minute (Between case metal section and circuit ground.)
1M Ω (Between core metal section and circuit ground.)
- Measurable Lead Diameter: Less than about 35mm ϕ
- Dimensions: Approx. 215H \times 63W \times 40Dmm (not including knob)
- Weight: Approx. 600g
- Supplied: Carrying case 9148 (one), battery 006P (one)

Optional Accessories
9131 Clamp on Adapter



- Measurement Range: AC0~1500A
- CT Ratio: 10:1
- Jaw Dimensions: Approx. 55 or busbars up to 80mm width 192H \times 199W \times 33Dmm 450g

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 9094 Output cord

Ordering Information

- 3263
- 3263-01 True RMS

Standard Packing (Double carton box)

Sets	N.W.(kg)	G.W.(kg)	M ³
25	18	20	0.10

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