

# HIOKI

2000

## 3127-10 (ø1.30", 300A AC) CLAMP ON HiTESTER

Field measuring instruments



60 years of technology and reliability

**One Meter Drop Proof -  
"Tested Tough !"**

**AC A, AC/DC V, ohms  
and temperature  
can be measured**



Actual-size



ISO14001  
JQA-E-90091



<http://www.hioki.co.jp/>

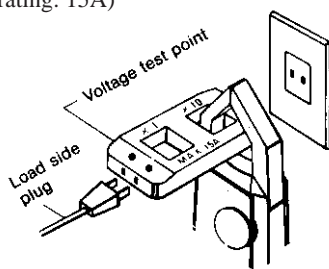
HIOKI company overview, new products, environmental considerations and other information are available on our website.

# Safety-Oriented Design

The now-standard "one meter drop onto concrete" drop-proof test for analog multimeters also applies to the Model 3127-10. Scratches and abrasions on its case don't affect its internal accuracy at all.

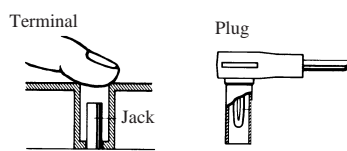
## CT-101A Increases Sensitivity 10 Times

The CT- 101A (Accessory available) is designed especially for use with clamp-on meters, and makes current and voltage measurements of equipment operated from conventional outlets quick and easy. It also increases the basic sensitivity of 3127-10 ten times. (CT-101A max. rating: 15A)



## Insulated Test Lead Plugs for Safety

Both you and the instrument are protected in the event one of the test leads come unplugged during a measurement. Insulated test lead plugs won't shock you or short - circuit on the metal parts of the instrument.



## Test lead



9067 TEST LEADS (accessory)

## Taut band meter

provides shock resistance.

## Carrying Case Provided

The carrying case slips right onto your belt, protecting the Model 3127-10 from the usual bumps and shocks encountered during a normal days work.



9351 CARRYING CASE (accessory)

## 3127-10 Specification

Item	Max. scale reading	Tolerance	Notes
AC current	6 / 15 / 60 / 150 / 300A	±3.0% of full scale	50/60Hz
AC voltage	150 / 300 / 750V	±3.0% of full scale	50/60Hz
DC voltage	75V	±3.0% of full scale	
Resistance	1k / 100kΩ	±3% of scale length	
Temperature scale	-50 to 300°F	±3% of scale length	With optional 9021-01



In some cases, power lines may carry voltage spikes of several times the normal supply voltage. For reasons of safety, ordinary testers should not be used to measure power lines carrying more than 250V. When measuring such power lines, always use a tester with built-in overcurrent protection to guard against short circuits, such as models 3008 and a device showing the CAT III marking.

Note: The term "power line" refers to the entire electrical circuit providing power to factories, buildings and industrial machines. However, it does not include electrical circuits in ordinary dwellings (lines protected by fuses or circuit breakers).



1. To avoid short circuits and electric shock accidents when using a clamp-on sensor, use only with power lines carrying voltages within the rating limit of the sensor.
2. To avoid short circuits and electric shock accidents when the clamp-on sensor is open, do not use on bare conductors.

- AC measurement: mean value
- Measurable conductor diameter:  $\phi 1.30$ "max.
- Max.usable circuit voltage: 750Vrms (insulated conductor)
- $\Omega$  range protection: Fuse protected to withstand input of 250V AC commercial line voltage.
- Ambient temperature of use: 32°F to 104°F (0 to 40°C), 80%rh (no condensation)
- Power source: R6P manganese batteryX1
- Dimensions and mass: Approx. 3.1" (W) X 7.5" (H) X 1.4" (D), 12 oz.

## Option

9021-01 THERMISTOR TEMPERATURE PROBE

CT-101A LINE SPLITTER



9021-01



CT-101A

# HIOKI

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All information correct as of Mar. 7, 2000. All specifications are subject to change without notice.  
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