

# HIOKI

CLAMP ON CURRENT METER

3102 CLAMP ON HI TESTER

# 3102

## Designed for Safety — Tested for Toughness

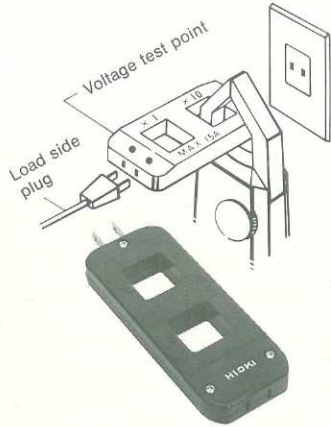
- 1 Meter Drop Tested
- Ohmmeter circuit Tested to 250V over voltage — OK
- Insulated Test Lead Plugs Protect Both Operator and Instrument





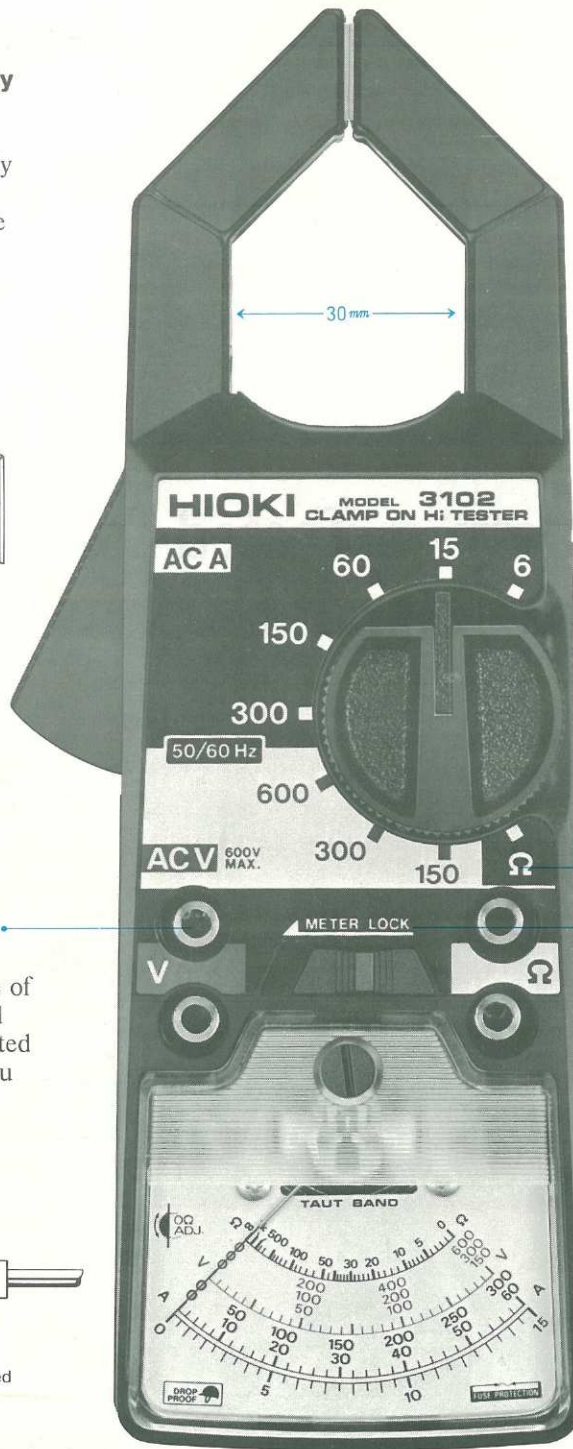
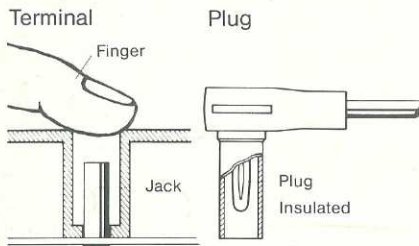
### CT-101A Increases Sensitivity 10 Times

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 3102 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.



### One Meter Drop-Proof — "Tested Tough!"

The now-standard "one meter drop onto concrete" drop-proof test for analog multimeters also applies to the Model 3102. Scratches and abrasions on its case don't affect its internal accuracy at all.

### Ohmmeter Circuit Tested to 250V Overvoltage — OK!

Resistance testing circuit components fuse-protected by non-arcing type glass tube fuse. Accidental short-circuits are no longer a problem — high current inputs are stopped right in their track.

### Compact — Lightweight

The Model 3102, at 190mm long is 20mm shorter and 60 grams lighter than previous HIOKI instruments; and its clamp-on jaws are even easier to use. Truly a "take anywhere" instrument.

### Meter Lock

Meter Lock lets you make the measurement, then take the reading later. Makes measurements in "hard to get to" places a snap.

### Carrying Case Provided

The carrying case slips right onto your belt, protecting the Model 3102 from the usual bumps and shocks encountered during a normal days work.



(Actual size)

### Specifications

AC A: 6 · 15 · 60 · 150 · 300A,  $\pm 3\%$  of f.s.  
 AC V: 150 · 300 · 600V,  $\pm 3\%$  of f.s.  
 ohms: 1k $\Omega$  (mid-scale: 30 $\Omega$ ),  
 $\pm 3\%$  of scale length  
 Battery: Size "AA" lea.  
 Meter: Self-shielded taut-band  
 Clamp core jaw dia.: Approx. 30mm  
 Dielectric strength: 2200V AC

Max. input voltage: 600V AC  
 Drop-proof: One meter drop onto concrete  
 $\Omega$  range protection: Fuse protected to withstand input of 250V AC commercial line voltage.  
 Dimensions, Weight: 190L × 63W × 34D mm, approx. 340g

Accessories: 0.5A fuse (non-arcing), 9087 carrying case, 9067 test leads

Accessory available: CT-101A line splitter

Standard Packing (Double carton box)	Sets	N.W.	G.W.	Cft
	20	12kg	14kg	3.3

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