

**Measure and display low currents
from 10 μ A up to 200A**



**CLAMP ON LEAK HiTESTER
3283-20**

True RMS

Analyze breaker operation

Activate the **FILTER** mode to check the current value with the same frequency level as a breaker's operational frequency band, without any effects from the high-frequency components of a switching power source or inverter equipment.



With the **FILTER** off, an exceedingly high value including high-frequency components is displayed.



With the **FILTER** on, analysis of breaker operation can be performed.



Record the maximum current

By specifying **MAX** in the **REC** (recording) mode, the current value on the display will be updated every time a maximum value is measured. You can then check the transformer capacity, and record the maximum load current.



Double insulation for greater safety

The clamp jaw is double-insulated to prevent shocks even if the metallic core tip comes in contact with metal objects. Safely clamp a bus bar to measure its current.



Double insulation



CLAMP ON LEAK HITESTER 3283-20

(All includes CARRYING CASE 9399, HAND STRAP)

Record CT 5A or 1A rated output current

Precisely record the current of the secondary side of CTs rated 5A or 1A and below. With ordinary clamp-on meters, large measurement errors result from inputs of only a few amps, and values are displayed inaccurately or simply suppressed to "0A".



Currents of 5A, 1A and below accurately measured and displayed.

Record the average current

Specify **AVE** in the **REC** (recording) mode to constantly calculate the average current, and to update the current value on the display. This is useful for recording fluctuating current values.



Specifications

(Accuracy guaranteed for 1 year, Post-adjustment accuracy guaranteed for 1 year)

Function	Range	Accuracy	Notes
AC current (AC A)	10.00 mA	±1.0% rdg ±5 dgt (45 to 66 Hz)	Maximum allowable current: 20 Arms cont.
	100.0 mA	±2.0% rdg ±5 dgt (40 to 45 Hz, 66 to 2 kHz)	
	1.000 A	±1.5% rdg ±5 dgt (45 to 66 Hz)	Maximum allowable current: 200 Arms cont.
	10.00 A	±2.0% rdg ±5 dgt (40 to 45 Hz, 66 to 2 kHz)	
Frequency (Hz)	100.0 Hz	±0.3% rdg ±1 dgt	Accuracy range: 30.0 to 99.9 Hz, 95 to 1000 Hz
	1000 Hz	±1.0% rdg ±1 dgt	

AC current measurement accuracy range is 10% to 100% (5% to 100% in 200 A range). Accuracy is given for the filter OFF condition.

WARNING

Inspect the unit and check that it is operating correctly before use. When carrying out measurement on live lines, wear proper protective gear, insulating rubber gloves, insulating rubber boots and safety helmet, and use extreme caution to avoid electric shock accidents.

DANGER



1. In order to prevent short circuits and injury, use the clamp product on electrical circuits with a voltage less than the maximum operation circuit voltage.
2. In order to prevent short-circuits and injury when the clamp core tip is open, do not use bare conductors.

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