

**New**

**HIOKI**

# 9667 FLEXIBLE CLAMP ON SENSOR

Field measuring instruments



CAT III 1000V

**CE**



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

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

*5000A for*

# *More Power & Versatility*

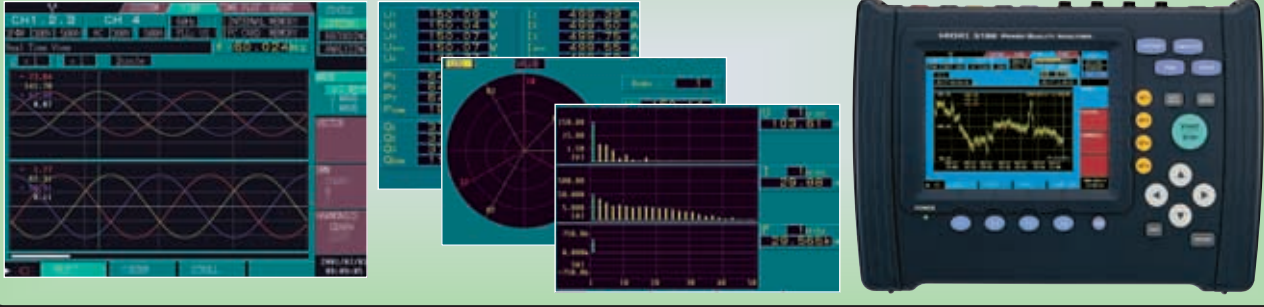
# Pure Flexibility !



## For Power Quality Analysis

### To 3196 POWER QUALITY ANALYZER

The 3196 allows on-site confirmation of voltage, current, harmonics, flicker and unbalance ratio. In addition to the DMM display, waveform, harmonics and flicker line conditions can be monitored in real-time.



Not for use with Model 3166.

## For Current Recording

### To 8800 series MEMORY HiCORDERs

Recording is made easy with the trigger function in the MEMORY HiCORDERs, which records the rush current when a device is started, and with the recording mode, records fluctuations of current.



8807-51, 8808-51

A compact waveform recorder the size of a B5 piece of paper for recording in 2 or 4 channels



8835-01

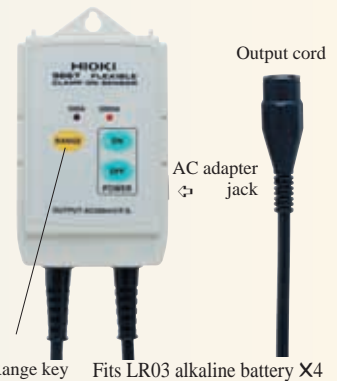
Waveform recorder for a maximum of 8 channels



8855

Recording to a A4-width printer up to a maximum of 8 channels  
Max. 20 Ms/s, 512MW(optional)

## ■ Circuit box



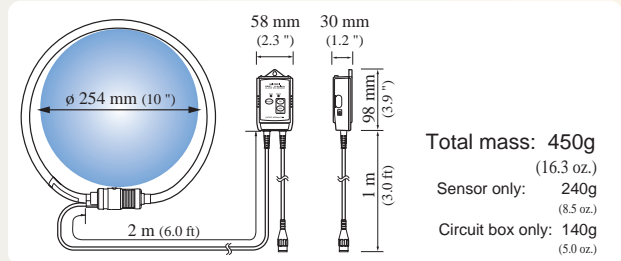
Range key Fits LR03 alkaline battery X4

## ■ Specifications

Accuracy at 23 °C ± 5 °C (73 °F ± 9 °F), 80% rh or less.

- Measurable conductor dia. :  $\phi$  254 mm (10") max
- Primary input current : 5000 A AC / 500A AC (range selectable)  
Effective input level: 10 % to 100 % of range
- Secondary output voltage : 500 mV AC f.s.
- Accuracy (45 to 66 Hz) : Amplitude:  $\pm 2.0$  % rdg.  $\pm 1.5$  mV  
phase angle:  $\pm 1.0^\circ$  or less
- Frequency characteristics : 10 Hz to 20 kHz ( $\pm 3$ dB)
- External magnetic field : 7.5 A max. at 400A/m
- Effect of Conductor position : Within  $\pm 3.0$  % in any direction from the center of sensor
- Max. usable circuit voltage : 1000 Vrms (insulated conductor)
- Max. allowable current : 10000 A rms cont. (45 Hz to 66 Hz)
- Withstand voltage : 7.4 kV rms between clamp and circuitry(50/60 Hz, 1 minute)
- Applicable standards : Safety  
EN61010-2-032:1995 CAT III 1000V  
EMC  
EN61326-1:1997+A1:1998
- Output terminal : BNC terminal
- Operating temperature : 0°C to 40°C, 80 % rh or less, no condensation
- Power supply : LR03 alkaline battery X4 (continuous operation max. 168 hours) or 9445 AC ADAPTER (optional)

## Dimensions and mass :



Total mass: 450g (16.3 oz.)  
Sensor only: 240g (8.5 oz.)  
Circuit box only: 140g (5.0 oz.)

## 9667 FLEXIBLE CLAMP ON SENSOR

Includes LR03 alkaline battery X4 and manual

## Options

9445-02 AC ADAPTER (for America, Japan)

9445-03 AC ADAPTER (for Europe)

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