

### CLAMP ON AC/DC HiTESTER 3290-10



DC or 1Hz and up with choice of 3 interchangeable sensors for 100A to 2000A measurements.

### DIGITAL INSULATION TESTER IR4056-20/IR4057-20



5-range testing voltage 50 V/100 MΩ to 1000 V/4000 MΩ, fastest 0.3s response time, all-in-one package

### CLAMP ON AC/DC HiTESTER 3285/3285-20



2000 Arms, clamp aperture: 55 mm dia, inrush current, crest value, RMS value of full-wave rectified waveforms

### ANALOG INSULATION TESTER 3490



250V/500V/1000V 3-range insulation testing with continuity function; store test leads while connected

### CLAMP ON POWER HiTESTER 3286-20



Hand-held clamp meter for checking power, power factor, and measuring for harmonics

### DIGITAL MULTIMETER DT4281/DT4282



True RMS, AC/DC60mV to 1000V, ±0.025%rdg.±2dgt. best accuracy (DCV)

### DIGITAL HiTESTER 3244-60



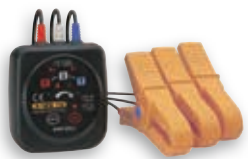
Long-standing pocket-sized digital tester for facilities maintenance, 4199 count, CATII 600V, 420mV to 500 DCV, 4.2V to 500ACV

### DIGITAL HiTESTER 3256-50



Wide range, high-speed DMM with terminal shutter mechanism to prevent accidental misoperation

### PHASE DETECTOR 3129-10



Non-contact phase detector that guarantees safety to the operator; CAT III 600V

### EARTH HiTESTER 3151



3-electrode earth resistance meter with 0 to 1150 Ω measurement range

### INFRARED THERMOMETER FT3700-20/FT3701-20



-35.0°C to 500.0°C range, long-focus and/or precise focus types, two beam laser marker to correctly identify test spot

### CLAMP ON HiTESTER 3280-10/3280-20/3287/3288



Highly popular thin and lightweight 42 to 1000A clamp on meter series with True RMS (3280-20/3287/3288-20), ideal for clamping in narrow spaces

### CLAMP ON EARTH TESTER FT6380



Lightweight true RMS ground clamp for multi-grounded systems up to 60A; measure leak current with 0.01mA resolution

### TACHO HiTESTER FT3405/FT3406



500mm non-contact detection distance, 0.5 r/sec to 99990 r/min, analog output, pulse output, drop proof

# HIOKI

HIOKI E. E. CORPORATION

Headquarters:  
81 Koizumi, Ueda  
Nagano, 386-1192, Japan  
TEL +81-268-28-0562  
FAX +81-268-28-0568  
<http://www.hioki.com> | [os-com@hioki.co.jp](mailto:os-com@hioki.co.jp)

HIOKI USA CORPORATION:  
TEL +1-609-409-9109  
FAX +1-609-409-9108  
<http://www.hiokiusa.com> | [hioki@hiokiusa.com](mailto:hioki@hiokiusa.com)

HIOKI (Shanghai) Sales & Trading Co., Ltd.:  
TEL +86-21-63910090 | FAX +86-21-63910360  
<http://www.hioki.cn> | [info@hioki.com.cn](mailto:info@hioki.com.cn)

HIOKI INDIA PRIVATE LIMITED:  
TEL +91-731-6548081 | FAX +91-731-4020083  
[info@hioki.in](mailto:info@hioki.in)

HIOKI SINGAPORE PTE. LTD.:  
TEL +65-6634-7677 | FAX +65-6634-7477  
[info@hioki.com.sg](mailto:info@hioki.com.sg)

HIOKI KOREA CO., LTD.:  
TEL +82-42-936-1281 | FAX +82-42-936-1284  
[info-kr@hioki.co.jp](mailto:info-kr@hioki.co.jp)

DISTRIBUTED BY

DMEI-ZZB



## PRODUCT HIGHLIGHTS



ISO 9001  
JMI-0216



ISO 14001  
JQA-E-90091

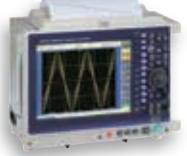


HIOKI company overview, new products, environmental considerations and other information are available on our website.

[www.hioki.com](http://www.hioki.com)



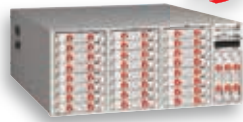
**MEMORY HiCORDER  
8860-50/8861-50**



20MS/s, 16ch waveform recording or 128-ch logging with max. 2000 MW of memory and fully isolated inputs.

**MEMORY HiCORDER  
MR8740/MR8741**

*New*



54ch high-speed recorder; fully integrate into existing measurement systems; ideal for electrical vehicle development

**MEMORY HiCORDER MR8847**



20MS/s with fully isolated inputs, 16 analog + 16 logic channels, USB, HD, CF-CARD

**MEMORY HiCORDER MR8875**

*New*



Max. 500kS/s over 4 fully isolated inputs; CAN input unit ideal for automotive testing

**MEMORY HiCORDER MR8880-20**



Measure 3-phase power lines over 4 channels of isolated input, CAT III 600V, -10°C to 50°

**MEMORY HiCORDER 8870-20**



Portable plus compact 2-channel waveform recorder for simple waveform recording on the field at 1MS/s

**MEMORY HiLOGGER LR8431-20**



10 ch isolated input; log voltage, temperature (TC/RTD), humidity, totalized pulses/rotation count at 10ms intervals

**MICRO HiCORDER  
8205-10/8206-10**



Easy-to-use recorders for recording voltage and current RMS levels

**MEMORY HiLOGGER  
LR8400 Series**



30 isolated channels - expandable to 60, 10ms interval sampling, real-time recording to USB 2.0 or LAN

**MEMORY HiLOGGER 8423**



Complete logging system of up to 600 simultaneous channels, capture data via PC.

**IMPEDANCE ANALYZER IM3570**



LCR measurement, DCR measurement Frequency sweep measurement, 4 Hz to 5 MHz, high-accuracy

**LCR HiTESTER 3532-50**



42Hz to 5MHz LCR meter with four-digit precision

**LCR METER IM3523/IM3533**

*New*



Ideal for production lines and automated testing; ± 0.05% accuracy with wide 42Hz to 5MHz or 1 mHz to 200 kHz range

**RESISTANCE HiTESTER  
RM3542/RM3543**



Ideal high speed resistance meter for automated lines (0.1ms), DC Testing. Finest resolution: 0.1µΩ

**BATTERY HiTESTER  
3561/BT3562/BT3563**



Battery testers for production lines, AC 1kHz testing source, 18ms test speed, finest resolution of 0.1µΩ

**BATTERY HiTESTER 3554/3555**



Instantaneously determine deterioration of large alkaline and lead-acid storage batteries; store up to 4800 data sets.

**CHEMICAL IMPEDANCE  
ANALYZER IM3590**

*New*



±0.05% basic accuracy, 1 mHz to 200 kHz measurement frequency, 2 ms measurement speed, Cole-Cole plot and equivalent circuit analysis

**INSULATION WITHSTANDING  
HiTESTER 3153/58/59**



500VA transformer capacity with max. 5kV AC output, built-in comparator and timer make for easy compliance testing; AC/DC testing in the 3153

**DATA LOGGERS  
LR5000 Series**



Log temperature, humidity, voltage, pulse, peak and instrumentation; store up to 60,000 data per channel

**LEAK CURRENT HiTESTER  
ST5540/ST5541**



Leak current measurement for IEC 60601-1 compliance; support for rated currents up to 20 A

**POWER QUALITY ANALYZER PW3198**



Class A PQA - Measure power factor, sags, swells, flicker, transients, harmonics, interharmonics; waveform display over 4 voltage and 4 current channels (AC/DC)

**CLAMP ON POWER HiTESTER 3169**



5 A to 5000 A range to measure up to 4 single-phase 2-wire systems or one 3-phase 4-wire systems

**POWER QUALITY ANALYZER 3197**



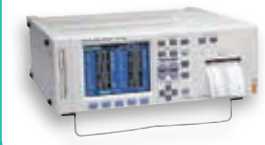
Powerful hand-held PQA with 4 MB of internal memory and 6 hours of battery power - ideal for field testing

**DC SIGNAL SOURCE SS7012**



DC constant voltage, constant current source For Instrumentation systems (4 - 20 mA) and loop testing, 8 types of thermocouples

**POWER HiTESTER  
3193-10/3194**



6ch, direct wide spectrum power meter for comprehensive device assessment, wide band DC, 0.5Hz to 1MHz

**DIGITAL HiTESTER 3237 to 3239**



Bench-type DMM with high-speed sampling and built-in comparator; 3239 uses 4-terminal resistance measurement method

**POWER HiTESTER  
3331 to 3334**



Single-phase power meter with small footprint and high accuracy assured for 3 years; 3331 for 3-phase 3-wire systems

**H.V. Insulation HiTESTER  
3455**



Max. 5kV test voltage for up to 5TΩ of high resistance testing; safety shutter; polarization index and dielectric absorption ratio

**POWER ANALYZER 3390**



4ch inverter power measurement, noise and harmonic analysis, advanced motor analysis, wide-band DC, 0.5Hz to 150kHz

**SOUND LEVEL METER FT3432**



Convenient measurement of sound levels from electrical equipment and machinery, 30dB to 130dB, analog output