



Since our founding in 1935, HIOKI has specialized in the manufacture of state-of-the-art electrical measuring instruments, and supplying our products to customers in Japan and around the world.

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From humble beginnings in mass production of testers and meters, our company has modernized and grown organically, and now offers over 200 products covering 4 main instrument groups.

- Data Acquisition
- Electronics Testing
- Field Testing
- Automatic Testing

Companies from every industry around the world depend on HIOKI instruments to qualify and evaluate their offerings before they are taken to market, making HIOKI indispensable in each step of the manufacturing process.

- Aerospace & Defense
- Automotive Engineering
- Electronic Components
- Semiconductor
- Railroads
- Utilities

Providing the tools for companies to monitor and minimize their energy consumption has always been one of HIOKI's primary missions. HIOKI takes advantage of this core competency to combat global warming and support needs to decrease dependencies on fossil fuels.

- Fuel Cells
- Wind Power
- Solar Power Generation
- Hybrid & Electrical Vehicles

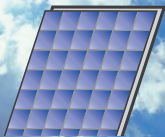
HIOKI

product SHOWCASE

Solar Power Evaluation and Device Testing and Device

Photovoltaic power generation

Evaluate New Energy Sources - Solar, Wind and Fuel Cells



POWER ANALYZER 3390



Measure the input and output characteristics of a power conditioner simultaneously in combination with an AC/DC current sensor

- ▶ Capture the DC output current of solar panels
- ▶ High precision sensors provide test results with superb accuracy



9709 AC/DC

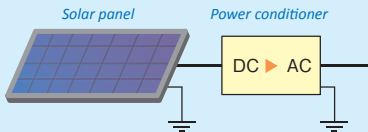
Test the insulation resistance of PV generators

DIGITAL MΩ HiTESTER 3454-11



- ▶ One body with 3 ranges: 250, 500V, & 1000V
- ▶ Compact storage without disconnecting test probes
- ▶ 200mA continuity testing

Multi-Tasking Capabilities



The measurement ranges of Model 3454-11 let you measure the insulation resistance of the output from both solar panels and power conditioners.

Power Conditioners

Test the Protective Functions of the Power Conditioning System

MEMORY HiCORDER 8847



Record voltage and current waveforms and test for standard characteristics, exception response and operating time of protective functions

- ▶ Rugged design and portability that is perfect for the field
- ▶ Directly power current sensors for added convenience



9709 AC/DC

A Wide Assortment of Sensors to Suit the Current Level

High Precision Current Sensors



- ▶ Wide-band and high precision necessary for observing waveforms
- ▶ Convenient clamp style without sacrificing accuracy

Multiple Triggering Capabilities

Protective Function Testing:

- Input and output of overvoltage and undervoltage
- Input and output of overcurrent
- Input and output ground fault
- Frequency rise and drop
- DC component outflow
- Overvoltage unbalance
- Current & Power limits

Transient Response Testing:

- Sudden change in input power
- Sudden load changes
- Open/shut of load
- Intermittent overload
- Sudden changes in input or system voltage
- Sudden change in system phase
- Load shutdown