



HIOKI

3197 POWER QUALITY ANALYZER

Power Measuring Instruments



The Most Comprehensive Portable PQA on The Market

Catch Power Quality Problems on the Fly...

Monitor for:

- ✓ Inrush Current
- ✓ Voltage Swells
- ✓ Voltage Dips
- ✓ Transient Overvoltage
- ✓ Interruptions

Measure and Record:

- ✓ Power and Power Factor
- ✓ Active/Reactive Energy
- ✓ Demand
- ✓ Load Changes (with graph display!)
- ✓ Voltage and Current



...Before They Catch You!



ISO14001
JQA-E-90091



ISO 9001
JMI-0216



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

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

QuickSet Feature Takes the Hassle Out of Time-Consuming Setups

To Take You Quickly and Directly to the Source of the Problem

Advanced Features Bundled in One Complete Portable Unit

- **Simultaneously Detect for All of These Anomalies!**
Transient Overvoltage, Voltage Swells, Voltage Dips, Interruptions, Inrush Current
- **Display Measured Data on a Trend Graph to Capture Power Conditions at a Glance**
Voltage, Current, Active/Reactive/Apparent Power, Power Factor, Displacement Power Factor, Active/Reactive Energy, Demand, Harmonics (voltage, current, power), THD, Unbalance, K Factor, Phase Angle
- **Resolve Problems with Inrush Current Commonly found in Equipment Startup**
- **Control and Download Data to your PC via a simple USB connection**
- **Advanced Data Analysis with Model 9624-50 PQA HiVIEW Pro (available soon)**

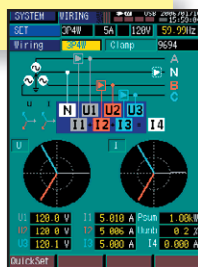


QuickSet Makes Measurement as Easy as 1-2-3

- Frequently Measured Power Quality Conditions are Preset for Easy Access
- Auto-compressed Data Recording Means You Never Have to Think about the Measurement Interval

Visually Check for Correct Wiring

- Easy-to-view Vector Multimeter Offers a Graphic Interpretation of the Wiring Conditions
- Select from 5 Different Wire Color Combination Displays to Suit your Needs



Ultimate Portability and Convenience

- Up to 6 Hours of Continuous Use with the Rechargeable Battery
- Ergonomically Designed to Fit in the Palm of Your Hand

Options

- 9660 Clamp On Sensor (100A)
- 9661 Clamp On Sensor (500A)
- 9667 Flexible Clamp On Sensor (5000A)
- 9669 Clamp On Sensor (1000A)
- 9694 Clamp On Sensor (5A)
- 9695-02 Clamp On Sensor (50A)
- 9695-03 Clamp On Sensor (100A)
- 9219 Connection Cord (for the 9695-02/9695-03)
- 9657-10 Clamp On Sensor (10A)
- 9675 Clamp On Sensor (10A)
- 9438-03 Voltage Cords (bundled with standard 3197)
- 9459 Battery Pack (bundled with standard 3197)
- 9624-50 PQA HiVIEW P.P.C Application Software



All the Functions and Features in a Single Device

- Measure and Display All 3 Voltage and Current Lines from a 3P4W Circuit
- Power Demand, Power Factor, Wh, VarH - All the Data You Need to Assess Energy Issues
- Bright Graph Display Makes for Easy Analysis Right on the Field

Specifications in Brief

Measureable Circuits	1P2W/1P3W/3P3W2M/3P3W3M/3P4W/3P4W2.5E
Measurement Line Frequency	Auto-detect (50Hz/60Hz)
Voltage Range	600.0V
Current Range	Manually Switchable from 2 Range Sets According to Clamp Sensor 500.0mA/5.000A/50.00A/10.00A/100.0A/500.0A/1.000kA/5.000kA
Interval Settings	AUTO/1/5/10/15/30/60 minutes
Maximum Recordable Period	125 Days with internal non-volatile memory of 4MB - stored data will not be deleted upon power OFF; partition memory into 4 segments for maximum 31 days of recording each
PC Interface	USB Ver.2.0
Power supply	9418-15 AC Adapter or 9459 Battery Pack
Dimensions and Mass	128W x 246H x 63D mm, 1.2 kg with battery pack

Standard 3197 Package Fulfills All the Requirements for Checking Voltage Anomalies



To measure current and power, please select one or more of our HIOKI Clamp On Sensors listed on the left.

HIOKI

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