HIOKI
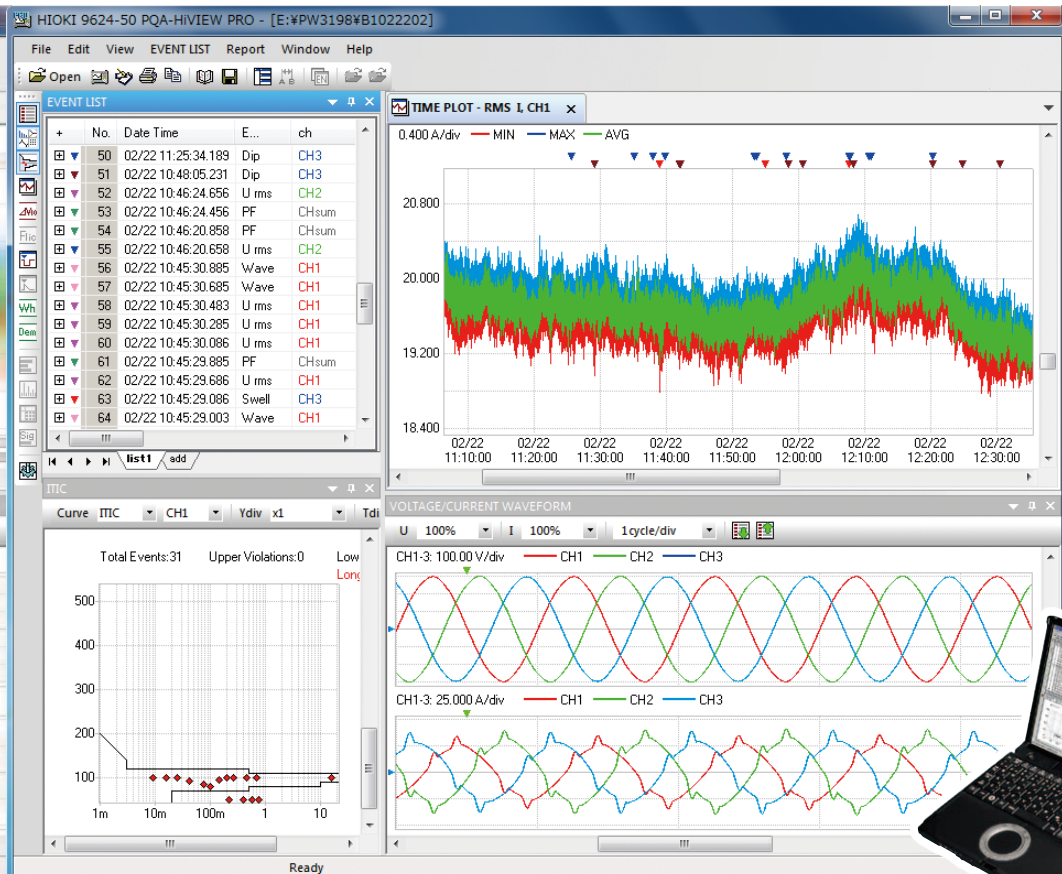
Analyze Recorded Data from POWER QUALITY ANALYZER PW3198, 3197, and 3196
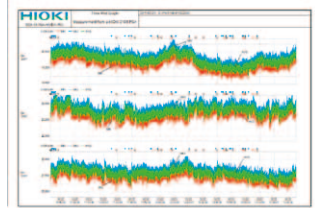

Create Reports and Analyze Data Easily and Efficiently

Print Examples

RMS Value Voltage Fluctuations

All Event Detailed List

*Use Model 9624-50 PQA-HiVIEW PRO (version 2.00 or later) with a PC to analyze the data collected by the PW3198.
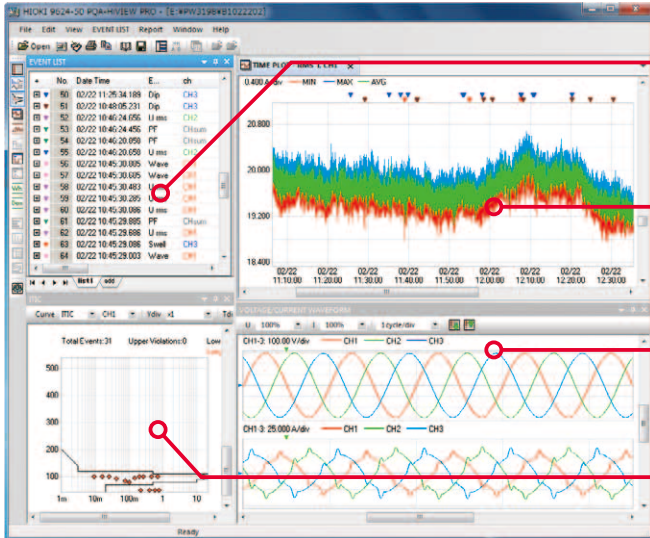

TIME PLOT Recording of Parameters

EN50160

Support Your Analyses with a Wealth of Functions!

Viewer function

Display and analyze the data recorded by the **POWER QUALITY ANALYZER PW3198, 3197**, or **3196**

Event List Window
Display a list of power supply failures (events) that occurred.

TIME PLOT Window
Display the TIME PLOT (recorded trend) data as well as changes in the voltage/current RMS values, harmonic, and many other parameters.
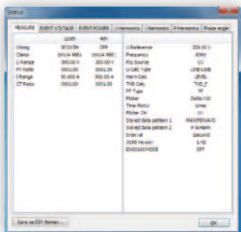
Event Waveform Window
Display the waveform of an event that occurred, plus the vector, harmonic, DMM, and instantaneous harmonic values.
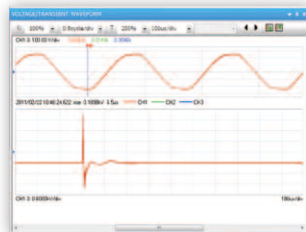
ITIC Curve Display Window
Analyze the ITIC (CBEMA) curve (tolerance curve) used in the power quality standards in the United States.
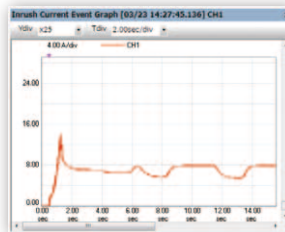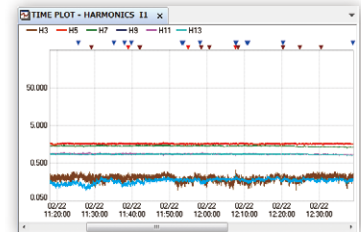
Status Window | Transient Waveform Window | Inrush Current Event Graph Window | Harmonics TIME PLOT Window

Analysis Capabilities

Display		PW3198	3197	3196
Event list		✔	✔	✔
TIME PLOT screens	RMS (Voltage, Current, others) Voltage	✔	✔	✔
	Harmonic and inter-harmonic fluctuations	✔	—	✔
EVENT screens	Voltage waveforms Current waveforms	✔	✔	✔
	Transient over voltage waveforms	✔	—	✔
	High-order Harmonic Voltage waveforms	✔	—	—
	Vector, DMM, Harmonic Graph, Harmonic List	✔	—	✔

Display		PW3198	3197	3196
ITIC	Tolerance curve	✔	—	✔
Flicker		✔	—	✔
EVENT RMS value fluctuations		✔	✔	✔
Inrush Current		✔	✔	—
Demand and energy consumption		✔	✔	✔
EN50160	Overview, Harmonic, Measurement Results Category	✔	—	✔
	Signaling	—	—	✔
Settings screens		✔	✔	✔

Model : PQA-HiVIEW PRO 9624-50

Model No. (Order Code)   (Note)

9624-50   (For the PW3198, 3197/96)

■ Basic specifications

Compatible devices	POWER QUALITY ANALYZER PW3198, 3197, 3196
Supplied Media	CD-R ×1
Operating environment	Computer running under Windows XP/Vista (32-bit), or Windows 7 (32-bit/64bit)
Data loading	PW3198: Saved binary data, 3197: Saved binary data, 3196: Saved binary data
Screen display	System, Time plot, Event list, Event data, Cursor function, Fluctuation graph of event voltage, Graph of event inrush current (at only PW3198, 3197), Integrated power, Demand
Copy function	Text data, Screen copy to clip-board
Print function	Screen image, A4/ letter size, preview
CSV convert function	Time plot, Event waveform, Fluctuation of event voltage, Inrush current of event (at only PW3198, 3197), Flicker graph (at only PW3198, 3196), Demand, Integrated power
Report Generation	Auto output: RMS voltage fluctuation graph, Worst case, Maximum/ minimum value list, Voltage total harmonic distortion percentage graph, All event wave-forms, Detailed list of all events, other custom output, or detailed output

Only for the PW3198 and 3196

[Screen display] Voltage, Transient waveform, Vector, DMM, Harmonic, Zero-, positive- and negative-phase calculations, Flicker graph, Cursor, High harmonic analysis orders (PW3198)

[Integrated Power Calculation] Analysis period: 1 - 35 days (PW3198)/ 31 days (3196), Graph, Consumption/ regeneration value, Cursor measurement, Maximum integrated power

[Demand Calculation] Demand period: 5 - 30 minutes, 1 - 12 hours, Analysis period: 1 - 35 days (PW3198)/ 31 days (3196), Demand graph of consumption value, Average demand, Peak demand, Load ratio

[ITIC Window] Event points are plotted on a tolerance curve (event duration versus swell, dip or interruption voltage percentage), Voltage percentage, Violation count display, Tolerance curve selection

[EN50160 Screen] Classification by overview, harmonic, signaling detail (3196) or measurement results

[Data Download] Via LAN

[Saving settings] User-defined ITIC curves, Classification settings for measurement results, or other

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HIOKI (Shanghai) SALES & TRADING CO., LTD.
TEL +86-21-63910090   FAX +86-21-63910360
http://www.hioki.cn / E-mail: info@hioki.com.cn

HIOKI SINGAPORE PTE. LTD.
TEL +65-6634-7677   FAX +65-6634-7477
E-mail: info-sg@hioki.com.sg

HIOKI KOREA CO., LTD.
TEL +82-2-2183-8847   FAX +82-2-2183-3360
E-mail: info-kr@hioki.co.jp

HEADQUARTERS
81 Koizumi, Ueda, Nagano, 386-1192, Japan
TEL +81-268-28-0562   FAX +81-268-28-0568
http://www.hioki.com / E-mail: os-com@hioki.co.jp

HIOKI USA CORPORATION
TEL +1-609-409-9109   FAX +1-609-409-9108
http://www.hiokiusa.com / E-mail: hioki@hiokiusa.com