



PS4500 Power Quality Analyzer

“Total Performance, Smallest Size”

Order Number:

[PS4500]

The PS4500 sets a new level of performance, reliability, and safety in power consumption and power quality analysis.

Compare these features to any other instrument:

- **The industry’s highest safety standard.** 600V CAT IV is suitable for permanent installation at the service entrance.
- **The industry’s highest sampling rate for RMS.** V, A, W, etc calculated based on 2,083 samples per cycle.
- **Swell, sag, and inrush detection of every half cycle** of all three voltages and all four currents, simultaneously, while doing all other functions
- **Complete Harmonic Analysis** simultaneously on every cycle of every input, while doing all other functions.
- **True High-Speed Transient detection and waveform capture** simultaneously on all inputs, while doing all other functions
- **Complete power/energy/cost analysis** of any AC or DC power system, while measuring harmonic, swell, sag, and true high-speed transient analysis on all inputs.
- **Compatible with VSD outputs.** 22-200 Hz, 360-440 Hz and DC power
- **Wireless Communications** with Bluetooth technology.
- **“Foolproof” Connections** with SureStart™ patent-pending technology.
- **Provision for Removable Memory** with slot for SD memory upgrade.
- **Advanced Options** such as on-line motor analysis utilizing CSA (AMD option) and power-line noise spectrum analysis (FAO option).
- **Complete logging, custom triggering, and waveform capture** capability



Compare its capabilities with any instrument at any price.

All Measurements:	2,083 samples per cycle @ 60 Hz
Transient detection:	8 μsec sampling rate on all channels, simultaneously.
Harmonic analysis:	analysis to the 65th harmonic of every cycle of all channels, simultaneously
Swell/sag detection:	measurement of RMS voltage and current of each half-cycle
Accuracy, voltage:	0.1% of reading +/- 0.3 volts
Accuracy, current:	0.1% of reading plus accuracy of current probe
Power Analysis:	all relevant measurements of any power configuration (including DC)
Battery Operation:	6-8 hours, operates while charging off wall charger, gas gauge indicator

Availability

The PowerSight® PS4500 is available for immediate purchase from Summit Technology. Just add the current probes and carrying case of your choice to have a complete system. To order, specify **PS4500**.

PowerSight® products are manufactured in the USA and sold by Summit Technology, Inc.

For more information on our products contact:

Summit Technology Inc.
2717 N. Main St., Suite 15
Walnut Creek, CA 94597-2747

Voice: 1-925-944-1212

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PowerSight® is a trademark of Summit Technology. Prices and specifications are subject to change without notice



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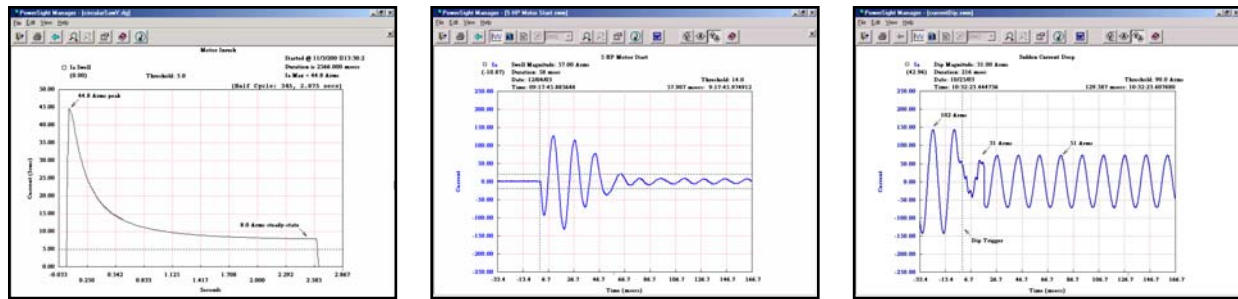
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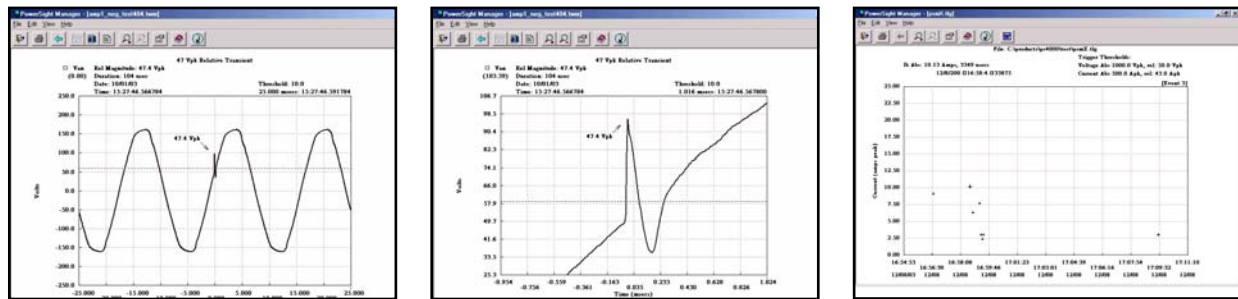
PowerSight Manager software (PSM) is a flexible, powerful, and easy to use power analysis software tool that is included with all orders for the model PS4500. It performs complete presentation and analysis of power consumption and power quality matters. Combined with our Report Writer software, it provides concise and compelling summaries including comparisons of performance.

PS4500 Features in PSM

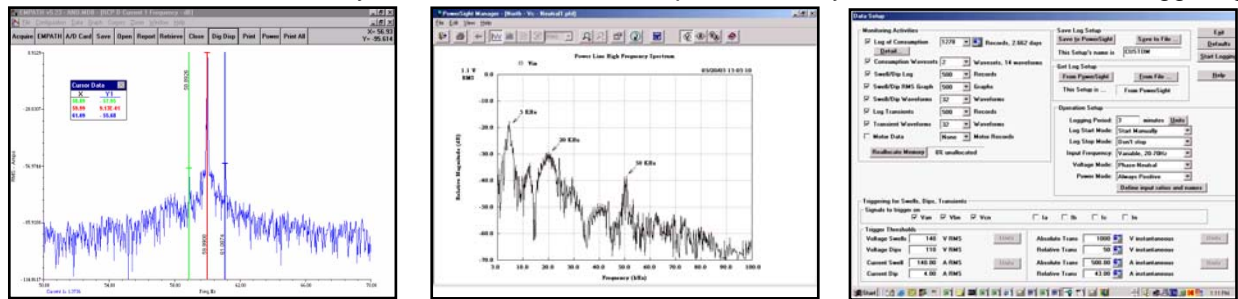
View Swells/Dips/Inrush as RMS graphs or waveforms View log of swells/dips/inrush



View High Speed Transients and zoom into them Scan log of high speed transients over time

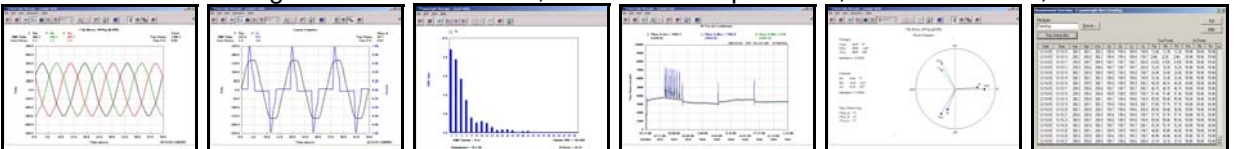


On-Line Motor Predictive Analysis (AMD Option); 100KHz Spectrum Analysis (FAO Option); Custom Triggering



Features of PSM common to all Models

Stored/Real-time Voltage/Current Waveforms; Harmonics Graphs/Data; Remote Control; Live Trend Data



Phasor Diagrams; Graph Consumption Logs; Summary and Comparison Reports; Custom Log Setups

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