

The **New PS5000** adds the benefits of color graphics to the PS4550 power quality analyzer.

**Key benefits of graphics are:**

- Change the triggering and data setup without using laptop
- Graphical presentation of waveforms on the screen
- Compact presentation of related measurements
- Large bold presentation of key measurements
- Graphic presentation of connection issues
- View Logs and Trends on the screen
- Graphical presentation of harmonics
- Graphical and Table views of all data
- Fast/flexible navigation of user interface
- Phasor diagrams, with relevant measurements



The **PS5000** is engineered to achieve success for you in any power study anywhere in the world.

- **Triggered capture** of swells, sags, inrush as well as complete logging of power and harmonics.
- **Wide range of current probe selection** (0.005 to 6000A AC, 5 to 2000 A DC)
- **Wide range of directly connected input voltage** (up to 15,000 VRMS with our 15KVP voltage probes), up to 1000 VRMS is standard.
- **Wide range of frequency measurement** (to 100 KHz with our FAO option, DC and AC to 440 Hz is standard).
- **Redundant Storage and Communications**, with Bluetooth, USB, SD card, and generous internal storage. (Wi-Fi optional).
- **Advanced separated measurements** for analyzing consumed vs generated power, for leading vs lagging reactive power.
- Extensive use of **wizards and AI** technology to save time & eliminate errors.
- **Log individual harmonics to the 63<sup>rd</sup> as both % and RMS.**
- Log up to **558 unique measurement types** may now be logged every second
- **PowerSight Manager - Advanced software** (PSM-A) for powerful analysis, convincing presentations, and effortless reporting.
- **Compact viewing** of phasors, logs, trends, waveforms, harmonics.



# PS5000 Power Quality Analyzer "Graphic Power in Your Hand"

Order Number:

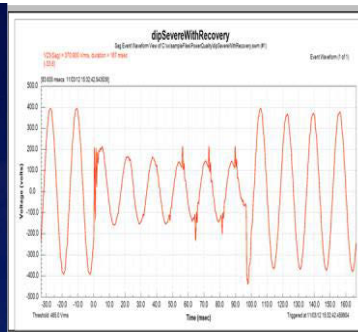
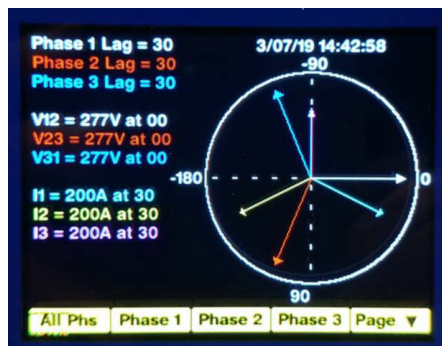
[PS5000]

## Safety is the baseline of success

- 1000V CAT III, 600V CAT IV, per IEC 61010-1
- Bluetooth wireless to keep you out of the arc flash blast zone and in comfortable clothing

## Solutions at each stage of the Monitoring Process

- **TestPlan Manager™** to design and manage your test.  
The plan is integrated into the meter, ensuring the right data is collected, that the data is uniquely identified, and that the data is stored and organized just how you want it when the testing is done.
- **Data Setup Wizard** to ensure you get the data you require.
- **SureStart® patented AI expert system** to identify connection and setup errors prior to monitoring.
- **ReportWriter™ wizard** to quickly create persuasive reports.



SureStart Checkout

Power System:  
Three Phase P-N  
(non-standard)

Maybe 4 Errors!

Press "Next" to Examine Errors

3 Phase

V1 V2 V3 N

Next

## Performance:

- Swell, Sag, & Inrush detection each half cycle
- Complete Harmonic Analysis to the 63rd each second
- True High-Speed Transient detection and waveform capture
- Complete power/energy/cost analysis of any AC or DC power system
- Redundancy in Communications with Bluetooth, USB, and SD card (Wi-Fi optional)
- Rechargeable battery operation for 8 hours between charges

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