

IQ Analyzer is now even better

The IQ Analyzer, Cutler-Hammer's premier digital power quality meter, has been redesigned for greater functionality and better value. The new 6400 Series replaces the old 6000 Series, and the new 6600 Series replaces the old 6200 Series. The meter now has a new graphical display and a new faceplate and is packed with new features inside, including the following:

- **Advanced data logging and trending.** When a communications system isn't available or data redundancy is needed, the IQ Analyzer offers on-board, non-volatile storage of more than 500 events, complete with time and date stamp. The historical trend-logging feature enables 24 variables to be selected by the user, and it stores the associated data in memory at speeds of up to eight times a cycle.
- **Rich diagnostic information.** The IQ Analyzer measures and records more than 150 electrical distribution system param-

eters, forming the foundation for real-time or historical analysis. While most power quality meters capture line-line and line-neutral voltages, the IQ Analyzer also captures line-ground and neutral-ground voltages with plus or minus 0.20 percent accuracy. Some of the other 150 variables measured: harmonic voltages and currents, waveforms, power, frequency, and energy.

► **Power quality data.** To help prevent process disruptions and equipment damage, the IQ Analyzer provides accurate and concise information to spot trends in the electrical supply, including current and voltage through the 50th harmonic, harmonic spectrum bar charts, and graphical waveform captures.

► **Sag/swell disturbance monitoring.** The IQ Analyzer, when configured with an optional PowerNet power management system, will plot disturbance event data on an ITIC (formerly CBEMA) curve. This information guides the troubleshooting process by indicating that there's a problem with the equipment if the point lies within the curve or with the electrical distribution system if the point is outside the curve. The IQ Analyzer plots a three-phase voltage sag or swell as a single event. Many other power quality metering systems plot a three-phase voltage sag or swell as three separate events, resulting in diluted data.

► **Easy operation.** The IQ Analyzer offers easy programming and navigation via an advanced menu structure, simple on-line help and custom screens. It can be programmed at the device or through PowerNet.

The obvious metering solution

The IQ Analyzer competes against other high-end meters such as the CM-2250,



The IQ Analyzer has been re-engineered based on input from industrial, institutional and commercial end users.

CM-2350 and CM-2450 from Square D and the 3720, 7500 and 7700 from Power Measurements Ltd. But our product's new trend-logging feature, time-of-use energy registers, graphical waveform display, and subcycle disturbance capture, along with its proven reliability and ease of use, make it the best choice.

The IQ Analyzer is flexible enough for use throughout various market segments such as pulp and paper, steel, petrochemical, microprocessor manufacturers, hospitals, universities, airports, and shopping malls.

For more information

A six-page, four-color brochure (B17C01SE) and a revised technical document (TD1702ATE) are available from the Fulfillment Center, 1-800-957-7050 or fax 1-877-840-2371.

Information can be accessed on the Internet at www.ch.cutler-hammer.com/docs/Fred/apscpgh/html/PRODUCTS/IQ_ANALYZER/IQA6600.HTM. ■



A brochure describes IQ Analyzer benefits.