

**FLUKE®****Know Where Your Power System is Leaking Money!**

# NEW POWER QUALITY ANALYZERS

## MEASURE ENERGY WASTE and QUANTIFY ITS COST.

## 430 Series II

### Three-Phase Power Quality and Energy Analyzers

The 430 Series II Three-Phase Power Quality and Energy Analyzers offer more detailed analysis to help locate, predict, prevent, and troubleshoot power quality problems in three-phase and single-phase power distribution systems. Patented algorithm measures and quantifies energy losses due to harmonics and unbalance issues, so you can automatically determine how much power is being wasted and calculate exactly what that extra consumption costs... with a single handheld tool!

**Features:**

- **Energy loss calculator:** Pinpoint true system energy losses in dollars (other local currencies available).
- **Power inverter efficiency:** Simultaneously measures input and output power of inverters in solar systems, wind turbines and uninterrupted power supplies.
- **Troubleshoot real-time:** Analyze trends using cursors and zoom tools.
- **Highest safety rating in the industry:** 600 V CAT IV/1000 V CAT III.
- **Measure all three phases and neutral** with 4 flexible current probes that fit into the tightest places.
- **Automatic Trending:** Automatically records every measurement without any set-up.
- **Monitor systems** with up to 10 power quality parameters on 1 screen according to EN50160 standard.
- **Logger function:** Memory for up to 600 parameters at user-defined intervals.
- **View graphs and generate reports** with included analysis software.

**Additional Features of Model 435:**

- **PowerWave data capture:** Fast-capture system shows half-cycle and waveforms to characterize electrical system dynamics (generator start-ups, UPS switching etc.).
- **Waveform capture:** Captures 100/120 cycles (50/60Hz) of each event detected in all modes without set-up.
- **Automatic Transient Mode:** Captures 200 kHz waveform data on all phases simultaneously up to 6 kV.
- **Fully Class-A compliant** according to the stringent international IEC 61000-4-30 Class-A standard.
- **Mains signaling:** Measure interference from ripple control signals at specific frequencies.



374TE4341

**Includes:**

Li-ion battery, charger/adaptor, test leads and clips, (4) i430flex-TF flexible current probes, 8 GB SD card, PowerLog software, USB cable, and soft case.

374TE4351

**No. 374TE4351** (Model 435) .....\$7,775.00**No. 374TE4341** (Model 434) .....\$5,559.00**CLICK  
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