

## DRANETZ-BMI

### PowerGuide 4400

Equipped with 8 independent channels, the 3-phase PowerGuide 4400 is the only advanced power monitoring instrument to incorporate a color touch screen into its lightweight design. Automated setups provide instant detection of circuits and configurations, ensuring that the instrument is ready to successfully collect data. Users can select the length and mode of data collection, including troubleshooting, data logging, power quality surveys, energy and load balancing.

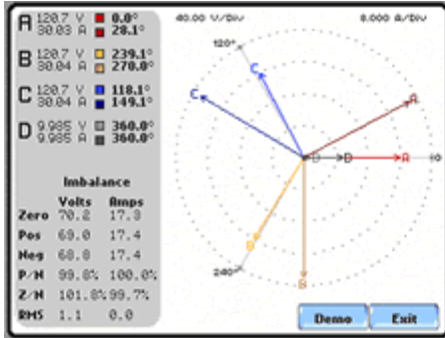


## Features & Highlights

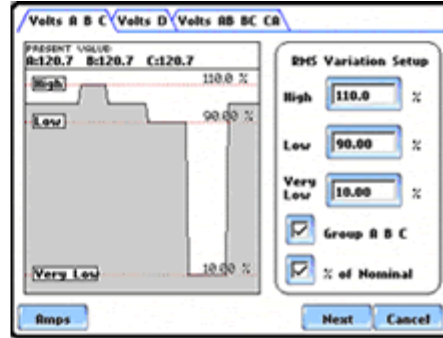
- Eight channels, 4 voltage & 4 current
- Intuitive color touch screen
- Light weight – Less than 4 pounds, 2 kg – with rugged rubber boot
- AC/DC applications
- Automated setups for “out of the box” instrument readiness
- Unique “report card” annunciator that instantly characterizes events
- Samples at 256 samples/cycle
- Independent voltage & current triggering, cross triggering
- Capture of low-medium frequency transients
- THD/harmonic spectrum and TID/interharmonics spectrum to the 63rd
- Remote communications—RS-232, Ethernet or USB
- Battery or AC mode
- Built in UPS battery with external charger
- Expanded memory up to 256 MB
- Available languages – English, Spanish, French, German, Italian, Swedish, Finnish, Chinese, Japanese, Korean
- DRAN-VIEW enabled (Windows NT, 98, ME, 2000, XP)
- Measures flicker according to IEC 61000-4-15
- Measures wide range of parameters, including crest factor, K factor, transformer derating factor and telephone interference factor
- Complies with IEEE 1159, IEC 61000-4-30 Class A and EN50160

## Modes of Operation

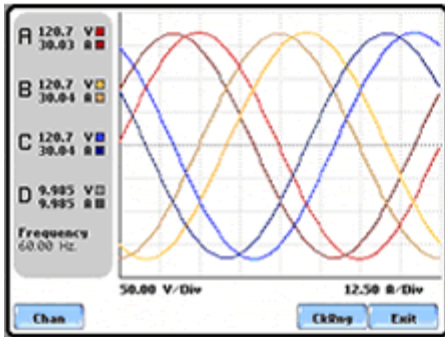
Data can be viewed in real time using scope mode, meter mode, event mode, harmonics spectrum or phasor diagrams. With the touch of your finger or a stylus, you can view data and zoom-in on captured disturbances for more detail and automated event characterization.



**Phasor Diagrams**



**Standard Setup Screen**



**Scope Mode**



**Event Characterization**