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## **DRANETZ-BMI**

### **PowerLogger PL-10**

PowerLogger10 multimeter is a power quality troubleshooting tool, as well as a high performance precision instrument for laboratory use, service and training. With a display range of 300,000 counts, as well as outstanding accuracy and long-term stability, it fulfills all requirements for use in calibration and R&D laboratories. The instrument can be utilized on-site for precision maintenance and calibration tasks thanks to battery operation.



### **Features & Highlights**

- Voltage 600 V and current 10 A (RMS or DC) max measurements
- Frequency, RMS value of AC measuring voltage
- DC measurement precision, 5¼ places ( 309,999 counts)
- AC measurement precision, 4¼ places ( 30,999 counts)
- Power and Energy measurements (W, VAr, VA, Wh, VArh, PF)
- Maximum value for periodic power with date and time
- RMS Waveshape, allows for waveshape independent measurement (TRMS AC and AC+DC) up to 100 kHz, and up to a crest factor of 5.
- Power disturbance recording
- Data memory capable of storing 60,000 measured values
- Triple display allows momentary measured value and up to two additional values are displayed simultaneously
- Momentary, minimum and maximum measured values
- Continuity testing with audible signal to indicate connectivity
- Event counting (number and duration), zero-crossings, stopwatch, and data-compare.
- Capacitance measurement to 300 uF
- Resistance measurement to 15 meg ohms
- Temperature measurement in degrees Fahrenheit or Celsius
- Thermocouple measurement capabilities of Type J and K thermocouples
- Battery run time, approximately 100 hrs on 2 AA alkaline
- Low battery indicator automatically displayed if battery voltage drops below 2.3 V
- Overload Protection, audible sound is employed if upper voltage or current range is exceeded
- Fuse indicator displays message that the fuse for current measurements needs to be replaced