

# 1200A 3-Phase Power Analyzer/Datalogger

**Saves data on an SD card in Excel® format**

For easy transfer to a PC for analysis

## Features:

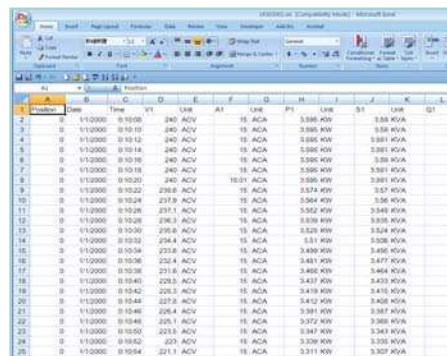
- Large dot-matrix, sun-readable, numerical, backlit LCD
- Full system analysis with up to 35 parameters
  - V (phase-to-phase), V (phase-to-ground)
  - A (phase-to-ground)
  - KW / KVA / KVAR / PF (phase)
  - KW / KVA / KVAR / PF (system)
  - KWH / KVAH / KVARH / PFH (system)
  - Phase angle
- High accuracy autoranging current clamps (0.2A to 1200A)
- 600.0VAC input with CAT III-600V safety rating
- Adjustable Current Transformer (CT) and Potential Transformer (PT) ratio for high power distribution systems
- Log up to 30,000 readings on a removable SD memory card in Microsoft Excel® format
- Wide sampling rate range (2 seconds to 2 hours)
- Captured measurements can be imported directly into Excel via the SD memory card
- Easy-to-use onscreen menu
- Easy-to-grab rugged over molded housing

## Applications:

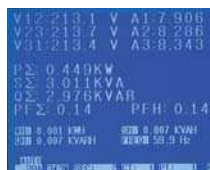
- AC Power Quality Evaluation
- Motor/Generator Installation
- Energy Audits



Complete with 3 current clamps, 4 voltage leads with alligator clips, 8 AA batteries, SD memory card, Universal AC adaptor (100 to 240V), and case



Transfer data from meter to PC using Excel® software and datalogged readings from the SD memory card (included)



Backlit LCD displays numerical values



SD memory card included

| Specifications                | Range                                       | Basic Accuracy       |
|-------------------------------|---|----------------------|
| ACV (True rms)                | 600.0V                                      | ±(0.5%rdg+0.5V)      |
| ACA                           | 1200A                                       | ±(0.5%rdg+0.5A)      |
| Active Power (MW)             | 9.999MW                                     | ±(1.0%rdg+0.08KW)    |
| Apparent Power (MVA)          | 9.999MVA                                    | ±(1.0%rdg+0.08KVA)   |
| Reactive Power (MVAR)         | 9.999MVAR                                   | ±(1.0%rdg+0.08KVAR)  |
| Power Factor                  | 0.00 to 1.00                                | ±0.04                |
| Frequency Range               | 45Hz to 65Hz                                | ±0.1Hz               |
| Phase                         | -180° to +180.0°                            | ±1°                  |
| Active Power Energy (MWh)     | 0.0kWh to 9.999MWh                          | ±(2.0%rdg+0.08KWh)   |
| Apparent Power Energy (MVAh)  | 0.0KVAh to 9.999MVAh                        | ±(2.0%rdg+0.08KVAh)  |
| Reactive Power Energy (MVARh) | 0.0KVARh to 9.999MVARh                      | ±(2.0%rdg+0.08KVARh) |
| Datalogging                   | 60,000 readings (2GB SD memory Card)        |                      |
| CE/CAT rating                 | CE/CAT III-600V                             |                      |
| Dimensions                    | 8.9 x 2.5 x 1.3" (225 x 125 x 64mm)         |                      |
| Weight                        | Meter: 2.3lbs (1049g); Clamp: 1.2lbs (522g) |                      |

## Ordering Information:

- 382100.....1200A 3-Phase Power Analyzer/Datalogger  
382000.....Voltage Test Leads with Alligator Clips (4 leads)

