

## 3-Phase Power Analyzer/Datalogger

**Saves data on an SD card in Excel<sup>®</sup> 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
- Select 200A, 1200A Current Clamps or 3000A Flexible Current Probes (sold separately)
- Adjustable Current Transformer CT (1 to 600) and Potential Transformer PT (1 to 1000) ratio for high power distribution systems
- Log up to 30,000 reading on a removable SD memory card in Microsoft Excel<sup>®</sup> format
- Wide sampling rate range (2 seconds to 2 hours)
- Built-in Clock and Calendar
- Easy-to-use onscreen menu
- Easy-to-hold rugged over molded housing



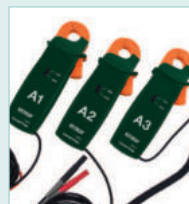
Backlit LCD displays numerical values. The data can be stored in SD memory card (included) and then transferred from meter to PC using Excel<sup>®</sup> software and datalogged readings.

Complete with 4 voltage leads with alligator clips, 8 AA batteries, SD memory card, Universal AC adaptor (100 to 240V), and case. Clamp probes sold separately.



### Clamp Probes (Sold Separately)

Choose the best clamp probes to fit your application needs ranging from 200A to 3000A and flexible vs traditional jaw type.



**Model PQ34-2**  
 200A Current Clamp Probes with 0.8" (19mm) jaw opening



**Model PQ34-12**  
 1200A Current Clamp Probes with 2" (50mm) jaw opening



**Model PQ34-30**  
 3000A (24"/600mm) Flexible Current Clamp Probes for wrapping around busbars

### Ordering Information:

- PQ3450**.....3-Phase Power Analyzer/Datalogger
- PQ34-2**.....200A Current Clamp Probes (set of 3)
- PQ34-12**.....1200A Current Clamp Probes (set of 3)
- PQ34-30**.....3000A Flexible Current Clamp Probes (set of 3)
- PQ1000**.....Voltage Test Leads with Alligator Clips (4 leads)

#### Available Kits:

- PQ3450-2**.....200A Power Analyzer Kit: PQ3450 with PQ34-2
- PQ3450-12**.....1200A Power Analyzer Kit: PQ3450 with PQ34-12
- PQ3450-30**.....3000A Power Analyzer Kit: PQ3450 with PQ34-30

| Specifications                | Range  | Basic Accuracy |
|-------------------------------|--|----------------|
| AC Voltage (True rms)         | 600.0V   | ±(0.5%rdg)     |
| AC Current                    | 3000A  | ±(0.5%rdg)     |
| Active Power (MW)             | 9.999MW  | ±(1.0%rdg)     |
| Apparent Power (MVA)          | 9.999MVA   | ±(1.0%rdg)     |
| Reactive Power (MVAR)         | 9.999MVAR  | ±(1.0%rdg)     |
| Power Factor                  | 0.00 to 1.00                                       | ±0.04          |
| Frequency Range               | 45Hz to 65Hz                                       | ±0.1Hz         |
| Phase                         | -180° to +180.0°                                   | ±1°            |
| Current Clamp input           | 200mV, 300mV, 500mV<br>1V, 2V, 3V; user-selectable | ±(0.5%rdg)     |
| Active Power Energy (MWH)     | 0.0kWh to 9.999MWH                                 | ±(2.0%rdg)     |
| Apparent Power Energy (MVAH)  | 0.0kVAh to 9.999MVAH                               | ±(2.0%rdg)     |
| Reactive Power Energy (MVARH) | 0.0kVARh to 9.999MVARH                             | ±(2.0%rdg)     |
| Datalogging                   | 30,000 readings (2GB SD memory Card)               |                |
| Dimensions                    | 8.86 x 4.92 x 2.52" (225 x 125 x 64mm)             |                |
| Weight                        | Meter: 2.2lbs (1010g)                              |                |