

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
- 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[®] 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[®] 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:

PQ34503-Phase Power Analyzer/Datalogger
PQ34-2200A Current Clamp Probes (set of 3)
PQ34-121200A Current Clamp Probes (set of 3)
PQ34-303000A Flexible Current Clamp Probes (set of 3)
PQ1000Voltage Test Leads with Alligator Clips (4 leads)

Available Kits:

PQ3450-2200A Power Analyzer Kit: PQ3450 with PQ34-2
PQ3450-121200A Power Analyzer Kit: PQ3450 with PQ34-12
PQ3450-303000A 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 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)	