



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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## 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 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)	