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 / KVARH / 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

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 (MVAR) 9.999MVAR ±(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 ±(0.5%rdg)
  1V, 2V, 3V; user-selectable
Active Power Energy (MWH) 0.0kWh to 9.999MWH ±(2.0%rdg)
Apparent Power Energy (MVARH) 0.0kVARh to 9.999MVARH ±(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)

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