EXTECH INSTRUMENTS
A FLIR COMPANY

Experience the Extech Advantage

PRODUCT DATASHEET

1200A 3-Phase Power Analyzer/Datalogger

Saves data on an SD card in Excel® format

For easy transfer to a PC for analysis

Features:

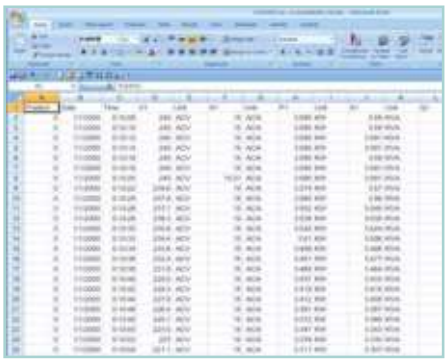
- Large dot-matrix, sun-readable, numerical, backlit LCD
- Full system analysis with up to 35 parameters
  - V (phase-to-phase), V (phase-to-ground)
  - A (phase-to-ground)
  - KW / KVA / KVAR / PF (phase)
  - KW / KVA / KVAR / PF (system)
  - KWH / KVAH / KVARH / PFH (system)
  - Phase angle
- High 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 reading 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



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

Applications:

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



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 9.999MWHr	±(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)

CE EN 61010-1 CAT III 600V

Specifications subject to change without notice.
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9/23/09 - R1

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