EXTECH INSTRUMENTS

Test Equipment Depot
1-800-517-8431

1000A 3-Phase Power & Harmonics

Power measurements and analysis of single and 3-phase/3-wire or 3-phase/4-wire systems

Features:

- Large backlit LCD displays up to 35 parameters in one screen
- True RMS power measurements with Harmonics display (1-99th order)
- Capture 28 Transient events (including Dip, Swell and Outage) with programmable threshold
- Simultaneous Harmonics and Waveform display
- Display of Waveform with Peak Values
- Analysis of Total Harmonic Distortion
- Displays Active Power (kW), Apparent Power (kVA), Reactive Power (kVAR) and Power Factor
- kWH and kVARh energy measurements
- Maximum Demand with programmable period
- Current measurements to 1000A with adjustable CT ratio
- Voltage measurements to 600V with adjustable VT ratio
- Graphical Phase diagram with system parameters
- 3-phase Voltage or Current Unbalanced Ratio
- 3-phase Voltage or Current Unbalanced Factor
- Calculated Unbalanced Current through Neutral Line
- Datalogger records up to 52428 records in single phase, (17476 records in 3-phase)
- Optically isolated RS-232 interface with software to download Waveforms, Power Parameters and Harmonics
- Complete with (3) 1000A current clamps, 4 voltage leads with alligator clips, 8 AA batteries, AC adaptor, software, PC interface cable, and carrying case

Includes 3 current clamps and color coded test leads with alligator clips.

CE

Specifications	Range	Basic Accuracy
ACV (True rms)	600V	±(0.5%rdg+5d)
ACA	1000A	±(0.5%rdg+5d)
Active Power (kW)	9.999MW	±(1%rdg+8d)
Apparent Power (kVA)	9999kVA	VA=Vrms x Arms
Reactive Power (kVAR)	9999kVAR	VAR= sqr (VA^2-W^2)
Power Factor	0.0 to +1.00	±(1.5%°rdg±8d)
Frequency	45-65Hz	0.1Hz
Phase	-180.0°~ 0°~ +180.0°	±1°
Harmonics	1 to 99	±2%
Crest Factor	1.00 to 99.99	±(5%+30d)
Peak AC Voltage accuracy		±(5%rdg+30d)
Peak AC Current accuracy		±(5%rdg+30d)
Active Power Energy (kWh)	0mWh to 999,999kWh	
Reactive Power Energy (kVARh)	0.0kVARh to 1000MWh	
Datalogging	52428 records (single phase)/17476 records (3 phase)	
Dimensions	10.1 x 6.1 x 2.3" (257 x 155 x 57mm)	
Weight	Meter: 2.5 lbs (1160g); Clamp: 1.3 lbs (600g)	

Ordering Information:

382095 .....1000A 3-Phase Power & Harmonics Analyzer **$2999**

EXTECH 1 Year Warranty

08/02/05 - R1

ISO 9001:2000 CERTIFIED

Copyright © 2005 Extech Instruments Corporation. All rights reserved including the right of reproduction in whole or in part in any form.