EXTECH INSTRUMENTS
A FLIR COMPANY

Experience the Extech Advantage

PRODUCT DATASHEET

1000A AC/DC Clamp-on Power Datalogger Kit

Datalogs up to 4000 readings

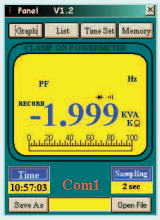
Capture data and transfer to a PC for analysis and report generation



Features:

- 1000A Clamp measures single f (phase) or 3f power to 600kW
- Display True Power, Apparent Power, Power Factor, True RMS Voltage and Current, Resistance and Frequency
- Dual display of kW+PF, kVA+PF, V+A, A+Hz or V+Hz
- Clamp jaws open to 1.8" (46mm)
- Built-in recorder datalogs up to 4000 readings or download to a PC
- 25 point data memory viewable on the LCD display
- Data Hold and Auto power off
- Full function display on large 4-digit LCD with fast 40 seg. bargraph, Peak Hold, and MIN/MAX
- Complete with Clamp-on Meter, 9V battery, alligator clips, test leads, Datalogger/RS-232 module, PC software with cable, and case







Complete kit includes Clamp-on Meter, 9V battery, alligator clips, test leads, Datalogger/RS-232 module, Windows® 95/98/NT/2000/ME/XP compatible software with cable, and carrying case.

Specifications:	Range	Resolution	Basic Accuracy
True Power	600KW	10W	±(2%rdg+5d)
Apparent Power	1000KVA	10VA	±(2%rdg+5d)
Peak Current	1000A	0.1A	±(6%rdg+10d)
Peak Voltage	600V	0.1V	±(6%rdg+10d)
AC Current (40-500Hz)	1000A	0.1A	±(1.5%rdg+5d)
DC Current	1000A	0.1A	±(1.5%rdg+5d)
AC Voltage (40-500Hz)	600V	100mV	±(0.5%rdg+5d)
DC Voltage	600V	100mV	±(0.5%rdg+5d)
Frequency	500Hz	0.1Hz	±(0.5%rdg+5d)
Resistance	10KΩ	1Ω	±(1%rdg+5d)
Continuity	Beeper when <50Ω		
Dimensions/Weight	10.2 x 3.7 x 1.8" (260 x 93 x 45mm)/ 15.9oz (450g)		

Ordering Information:

382068.....1000A AC/DC Clamp-on Power Datalogger Kit
382068-NIST .....382068 with Calibration Traceable to NIST.

CE EN 61010-1 CAT III 600V

Specifications subject to change without notice.
Copyright © 2007-2011 Extech Instruments Corporation. All rights reserved including the right of reproduction in whole or in part in any form.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Extech:

382068 382068-NIST