Universal AC Power Source + AC Power Analyzer

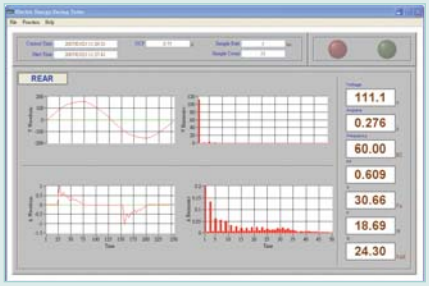
Front (100W) and Rear (2000W) Universal Output Sockets

For High Resolution Power testing to 10mW

Features:

- Low Power, high resolution front panel output with variable voltage and frequency
- HighPower rear panel output supplies line frequency and voltage
- Low Power Measurement (10mW to 100W) for testing power consumption of small devices or standby power at different voltages and frequencies
- High Power Measurement with Harmonics measurements 100mW to 1000W @ 110V or 100mW to 2000W @ 220V
- Power Quality Measurement (Watts, Power Factor, Voltage, Current, Harmonics)
- Cost Function calculates cost per day, month, and year
- 99 memory locations for preset voltage and frequency output settings
- Standby and Operation button
- User-programmable Over Current Protection (current limiting)
- Programmable through the built-in RS-232 interface
- Data acquisition mode captures readings to your PC with a user-programmable sampling rate of 2 to 65,535 seconds
- Complete with AC power cord, RS-232 to USB cable and software





Software included

Specifications	Range	Resolution	Accuracy
Front Panel			
Output Voltage	85 to 250V (adjustable)	0.1V	±1%
Output Frequency	45 to 65Hz (adjustable)	0.01Hz	±0.1Hz
Power	10mW to 100W	0.1mW	±(1% + 0.05W)
AC Current	5mA to 1.5A	0.1mA	±1%
Power Factor	0 to 1	0.001	±0.04
Rear Panel			
Output Voltage	line voltage	0.1V	±1%
Output Frequency	line frequency	0.01Hz	±0.1Hz
Power	100mW to 2000W	0.1mW	±(1% + 0.5W)
AC Current	5mA to 10A	0.1mA	±1%
Power Factor	0 to 1 0.001	±0.04	
Harmonics (in amps)	1 to 50th order	0.1mA	±1.4% (1-10th)
THD	0.0 to 999.9%	0.1%	
Input Power Source	110 or 220V; 45 to 65Hz		
Dimension	12 x 10.2 x 5.9" (305 x 260 x 151mm)		
Weight	21.8lbs (9.9kg)		

Ordering Information:

380820 .....Universal Power Supply + Power Analyzer

1 YEAR WARRANTY

Specifications subject to change without notice.
Copyright © 2009 Extech Instruments Corporation. All rights reserved including the right of reproduction in whole or in part in any form.

08/20/10 - R1

Mouser Electronics

Authorized Distributor

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

Extech:
380820