EXTECH INSTRUMENTS
A FLIR COMPANY

Experience the Extech Advantage

PRODUCT DATASHEET

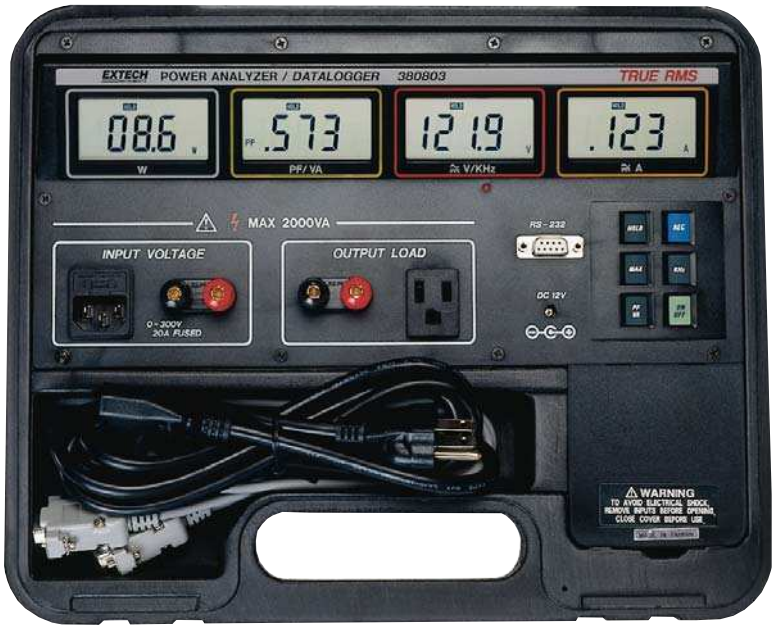
Appliance Tester/Power Analyzer

Compact, battery operated device for analyzing AC power loads

With PC interface plus datalogging

Features:

- Four simultaneous displays of Watts, Power Factor or VA, Voltage or Hz, Amps
- True RMS Voltage & Current measurements of sine, square, triangular and distorted wave forms with a crest factor < 5
- Max, Data Hold and Overload Protection
- Battery or AC adaptor provides line isolation
- Plug device to be tested directly into the Power Analyzer
- Sampling (update) rate is 2.5 times/second
- Windows® 95/98/NT/2000/XP/ME software allows user to download stored data or save data directly, and to create an ASCII file. Computations include phase angle, apparent and reactive power, consumption and cost, and power factor correction
- Complete with Windows compatible software, cable, 8 x AA batteries, power cord, 117 VAC adaptor and case



Applications:

- Measure and Audit power consumption of single phase devices
- Evaluate load performance under varying line conditions
- Demonstrate effectiveness of power conservation efforts
- Characterize device AC power requirements

Software included to download and store data to a PC

Built-into heavy duty carrying case.

Model 380803 Datalogger

- Built-in Datalogger stores up to 1,012 readings (Single record storage or continuous datalogging)

Model 380801

- Used for data acquisition when connected to a PC

Specifications:	Range	Resolution	Basic Accuracy (%rdg)	Input Signal Range
Watt	200/2000W	0.1/1W	±(0.9% + 4d)@50/60Hz	300V, 20A, 40-400Hz
Power Factor	0.5 to 1.0	0.001	(Based on W, V, A)	250V, 20A, 50/60Hz
Voltage	200.0/750V	0.1/1V	±(0.5%)	750VAC
Current	2/20A via terminals 2/15A via sockets		±(0.5%)	(Fuse Protection)
Frequency	40Hz to 20kHz	1Hz to 10Hz	±(0.5%)	
Dimensions/Weight	13.9 x 11.8 x 3.9" (352 x 300 x 100mm) / 3.6 lbs. (1.6 kg)			

Ordering Information:

380801 .....True RMS Single Phase Power Analyzer
380801-NIST .....380801 with Calibration Traceable to NIST
380803 .....True RMS Power Analyzer Datalogger
380803-NIST .....380803 with Calibration Traceable to NIST
USB100 .....RS-232 to USB Adaptor

EN 61010-1 CAT III 600V

1 YEAR WARRANTY