



EPA1000

Real time display shows RMS phase to phase voltage, temperature and humidity to help with system hookup.



The RxMS EPA1000 is RxMS's newest entry into the high-speed data acquisition systems that is designed to be compact and lightweight. Continuously and simultaneously monitoring ten voltage and five current channels. The patented EPA1000 is ideal for equipment based monitoring that not only includes monitoring all of the power quality issues but also monitors four of the most essential elements of an operating environment: room temperature, relative humidity, dust particles (>1 micron) and compressed-air line pressure.

Voltage and Frequency Measurements

Voltage Range: 0-600Volts rms
 Voltage Accuracy: 0.5Volts
 Samples/ Cycle: 128
 Voltage Transients: 2000Volts(peak)
 Transient Accuracy: 1Volt
 Transient Speed: 700KHz
 Frequency: 50-60Hz

Current Measurements

Current Range: 0-750Amps(+/-)
 Current Accuracy: .2 Amps

DC Voltage

Range: +/- 200 DC peak
 Accuracy: 200mv
 Resolution : 100mv

Advantages

Easy to set-up (plug-n-play; no settings)
 Lightweight and compact size
 RxMS exclusive AC adapters for easy connection.
 Z-Brick compatible for measuring line impedance
 LCD display provides real-time readings
 Reports from unbiased power quality engineers
 Customer support available for report review.
 Logistics assistance (insures on-time delivery and returns)
 Quick (next day) delivery
 Fast report turn-around (<72 hours)
 DC voltage logging (ideal for trouble sites)
 Corrective action follow-up service included
 Universal power supply (90 to 230 VAC, 50-400Hz)
 400Hz sampling units available on special request
 USB data output

Environmental Logging

Temperature: 0F-100F
 Humidity: 10-90%
 Air Pressure: 0-300 PSI
 Dust (>1 micron): 0-60,000 Particles

Memory Capacity

Storage Capacity: All the data logs are 50 days @ 5 minutes/log entry
 7,700 HF Transients
 75 Snapshots
 500 Swell Snapshots

Dimensions and Weight

Weight : 5 lbs

Dimensions:

Length: 10.25"
 Height: 11.5"
 Width: 4"

Shipping :

Weight: 20 lbs

US PATENT No. 6,598,003 issued July 22, 2003. Other patents pending

