



# 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

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