

# SVM-10

## Stray Voltage Monitor



### Communications

**Serial Cable:** RS-232, 4,800 to 28,800 baud

### Mechanical Specifications

**Dimensions:** 6.5 in. X 6.5 in. X 4.25 in.



**Weight:** 4.0 lbs  
**Case:** NEMA 4X

### Capacity

**Summary Data:** Over 1 year

**Event Data:** 500 Records

**Significant Change Data:** 1000 records

### Electrical Specifications

#### **Inputs:**

**AC Voltage:** 0 to 10 VAC per channel  
**Sample Rate:** 256 samples/cycle  
15, 360 samples/second

**Voltage Channels:** 4 simultaneous (isolated)

#### **Input Impedance:**

**Channels 1, 2, 3:** 12 K Ohms  
**Channel 4:** 500 Ohms (includes impedance shunt resistor).

#### **Local Output:**

**Type:** Wide temperature range LCD  
**Size:** 4 by 20 character  
**Interface:** Menu driven  
**PDA:** Palm™ platform (optional)



**Measures:** RMS, Voltage

**Record Types:** Stripchart, Daily Profile, Significant Change, Minute and Cycle (Optional):  
Histograms, Waveform Capture, Harmonics to the 51st



**Accuracy:** 0.33% of full scale

**Resolution:** 0.01 Volts displayed, 0.001 Volts internal

**Power Requirements:** Line Cord (80-150 VAC)

**Controls:** Keypad (4 key membrane)

**Battery Ride Through:** Device operates with no input voltage for up to 1 hour.



### Minimum System Requirements

5 MB hard drive free space, 8 MB of RAM, Microsoft Windows™ 95, 98, NT, ME, 2000, or XP.



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