

EMF Solutions Canada

An Authorized Canadian Reseller of Graham-Stetzer Products

EMF Protection Products and Services for You and Your Family

GRAHAM-STETZER Microsurge Meter Measurements for Power Quality



The intellectual property behind the **Microsurge Meter** belongs to the individual who conceived and designed the meter, Professor Martin Graham. The LCD display reads the Volts per second present, which is an approximation for the high frequency energy. These are the frequencies which are most harmful to equipment, animals and humans. These meters measure harmonics and other high frequency "energies" present, while effectively ignoring the effects of 60 Hz power and other lower, less harmful frequencies.

Electrosensitive people have reported sensitivities with readings as low as 27. However, medium or even low **Microsurge Meter** readings should not be interpreted as a guarantee that there is no harmful health impact; only your primary care licensed physician can determine that. Caution is required. Some harmful health effects of high frequency energy on humans appear to be cumulative, and possibly non-reversible. Science is inconclusive in this area, although the body of empirical evidence available for guidance continues to expand and stabilize.

The meter effectively guides your **Graham-Stetzer (G-S) Filters** installation.



Specifically, the meter measures the average magnitude of the changing voltage as a function of time (dV/dt), which naturally emphasizes transients and other high frequency phenomena that change rapidly with time. The measurements by the meter are defined as G-S (Graham-Stetzer) Units, a measure of "harmful energy", generally, rate of change of voltage.

Using the **Microsurge Meter** for a typical home installation, the meter measures the levels of safe, borderline, or dangerous levels of "energy" present. These levels are conveniently shown on the back of the meter for reference.



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