

## Vibration, wide band Multi-Field EMF Meter SERIES



### RF and LF measurement RF Strength/ Magnetic Fields/Electric Fields Meter Multi-Field EMF Meter

**Model : EMF-840**

\* RF application :

For electromagnetic field strength measurement including mobile phone base station antenna radiation, RF power measurement for transmitters, wireless LAN ( Wi-Fi ) detection/ installation, wireless communication applications ( CW, TDMA, GSM, DECT ) and microwave leakage.

\* RF power measurement Range/Resolution :

Frequency range : 50 MHz to 3.5 GHz.  
30.00 mV/m to 11.00 V/m, 0.01, 0.1, 1 mV/m.  
0.02 uW/cm<sup>2</sup> to 32.09 uW/cm<sup>2</sup>, 0.01 uW/cm<sup>2</sup>.  
0.02 uW/m<sup>2</sup> to 320.9 mW/m<sup>2</sup>, 0.01, 0.1, 1 mW/m<sup>2</sup>.  
0.02 mA/m to 29.17 mA/m, 0.01 mA/m.

\* LF application :

The EMF tester ( LF ) is designed to provide user a quick reliable and easy way to measure electromagnetic field radiation levels around power line , home appliances and industrial devices.

\* Magnetic Fields Measurement range/Resolution:

Frequency range : 50 Hz to 60 Hz.  
mG : 200.0 to 2000, 0.1 mG, 1 mG.  
uT: 20.00 to 200.0, 0.01 uT, 0.1 uT.

\* Electric Fields Measurement range/Resolution :

Frequency range : 50 Hz to 60 Hz.  
50 V/m to 2000 V/m, 1 V/m.

\* 2.4" TFT LCD display to easy reading.

\* Light weight and small size case design are suitable for handling with one hand.

\* Wristlet design provides extra protection to the instrument especially for user one hand operation.

\* Built-in microprocessor circuit assures excellent performance and accuracy.

\* Concise and compact buttons arrangement, easy operation.

\* Memorize the maximum and minimum value with recall.

\* Hold function to freeze the current reading value.

\* Power Supply DC 1.5V, UM4-AAA battery x 3 PCs.



### SD Card real time data recorder wide frequency response up to 5 KHz Acceleration, Velocity, Displacement. VIBRATION METER

**Model : VB-8209SD**

\* Applications for industrial vibration monitoring :

All industrial machinery vibrates. The level of vibration is a useful guide to machine condition. Poor balance, misalignment & looseness of the structure will cause the vibration level increase, it is a sure sign that the maintenance is needed.

\* Real time recorder, save the data into the SD memory card and can be downloaded to the Excel, extra software is no need.

\* Acceleration : 200 m/s<sup>2</sup>  
Velocity : 200 mm/s  
Displacement : 2.000 mm

\* Hi, Lo frequency range selection.

\* Lo frequency range : 10 Hz to 1 KHz,  
sensitivity relative meet ISO 2954.

\* Hi frequency range : 10 Hz to 5 KHz, for other application example ISO 2372.

\* Metric & Imperial display unit.

\* Max. Hold, peak value, data hold.

\* Memory ( Max., Min. ).

\* Zero button.

\* RS232/USB PC COMPUTER interface.

\* Vibration sensor and magnetic base are the standard accessories.

\* SD card capacity : 1 GB to 16 GB.

\* Optional acquisition software,  
SW-US801-WIN, SW-E802.

\* Power by UM3/AA ( 1.5 V ) x 6 batteries  
or DC 9V adapter.