

INTRODUCTION

Safety precautions should be taken against electric appliances in places including medical institutions, schools and residential districts, where people usually stay for a long time, to prevent patients, babies and senior citizens from exposure to high electromagnetic waves.

An electromagnetic wave simply means the wave motion of the electromagnetic field (ELF).

The change in electric fields produces magnetic fields, and the change in magnetic fields can also generate electric fields.

The fluctuation of correlation between each other is known as “electromagnetic waves”, which is a form of energy similar to light and heat that can be transmitted either by radiation in the air or by an electric conductor.

It is suggested that rearrangements should be made in families and work locations where electromagnetic fields are detected the strongest in order to avoid prolonged exposure to excessive electromagnetic fields.


APPLICATION

- This meter is applied to measuring electromagnetic fields of extremely low frequency (ELF) of 30 to 300Hz
- It is capable of measuring the electromagnetic field radiation intensity that is produced from electric transmission equipment, power line, microwave oven, air conditioner, refrigerator, computer monitor, video/audio device and so forth
- The magnetic field unit is Tesla (T), Gauss (G), mini-Gauss (mG) or micro-Tesla (μ T)
 - 1 T = 10,000 G
 - 1 G = 1,000 mG
 - 1 μ T = 10 mG

SPECIFICATIONS

- **Display** : 3-1/2 digits LCD, maximum reading 1999
- **Range** : 200/2000 mG,20/200 μ T
- **Resolution** : 0.1/1 mG or 0.01/0.1 μ T
- **Frequency response** : 30Hz to 300Hz
- **Sensor** : Single Axis
- **Accuracy** : \pm (2.5% \pm 6dgt) at 50Hz/60Hz.
- **Over load** : LCD display “OL”
- **Sample rate** : 2.5 times per second
- **Battery** : 9V NEDA 1604, IEC 6F22 or JIS 006P
- **Battery life** : Approximate 100 hours
- **Operating temperature & humidity** : 5°C to 40°C, below 80% RH
- **Storage temperature & humidity** : -10°C to 60°C, below 70%
- **Weight** : About 170g
- **Dimensions** : 130(L) x 56(W) x 38(H)mm
- **Accessories** : User’s manual, 9V battery, Carrying case

**FEATURES**

- Switch between the display of micro-Tesla and mini-Gauss is available
- Data hold (HOLD) maximum (MAX) Hold function
- Range display (20, 200, 2000A)
- Low battery detector “”
- Over load display “OL”

*Technical Specifications & Appearance are subject to change without prior notice