



Safety precautions should be taken 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 (EMF). 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 field.



## DT-3G

### ELCTRO MAGNETIC FIELD METER

- | Switch between the display of micro-Tesla and mini-Gauss is available
- | Data hold (HOLD), maximum (MAX) hold function
- | Auto range display (20, 200, 2000)
- | Auto power off
- | Low battery detector "  "
- | Over load display " OL "

### 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 (uT).

1T = 10000 G    1G = 1000 mG    1uT = 10 mG

### General Specification

Display	maximum reading 1999
Range	200/2000 mG, 20/200 uT
Resolution	0.1/1 mG or 0.01/0.1 uT.
Frequency response	30Hz to 300Hz
Sensor	Single Axis
Accuracy	±(2.5%+6dgt) at 50Hz/60Hz
Over load	LCD display "OL"
Sample rate	2 times per second 9V G6F22
Battery	9V G6F22
Operating temperature & humidity	5°C to 40°C, below 80% RH.
Storage temperature & humidity	-10°C to 60°C, below 70% RH.
Weight	About 200g

### Accessories

Instruction Manual, Battery, Test Certificate.

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