


## Gauss Meter



### Description:

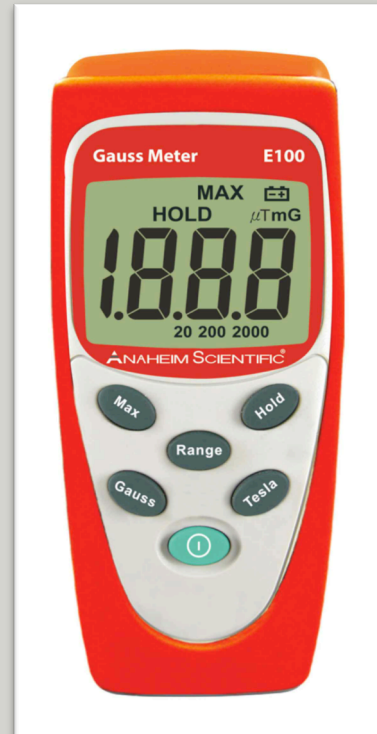
The E100 Gauss Meter is a magnetic field meter designed to measure extremely low frequencies (ELF) of 30 to 300 Hz.

### Features:

- Readings in micro-Tesla or milli-Gauss
- Data hold (HOLD)
- Maximum hold (MAX)
- Range display (20,200,2000)
- Low battery indicator “”
- Over load display “OL”

### Applications:

- 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 lines, microwave ovens, air conditioners, refrigerators, computer monitors, video/audio devices and so forth.
- The magnetic field unit is Tesla (T), Gauss (G), milli-Gauss (mG) or micro-Tesla ( $\mu$ T)



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## Technical Specifications

<b>Display</b>	3-1/2 digits LCD, maximum reading 1999
<b>Range</b>	200/2000 mG, 20/200 $\mu$ T
<b>Resolution</b>	0.1/1 mG or 0.01/0.1 $\mu$ T
<b>Frequency response</b>	30Hz to 300Hz
<b>Sensor</b>	Single Axis
<b>Accuracy</b>	$\pm(2.5\% \pm 6\text{dgt})$ at 50Hz/60Hz
<b>Over Load Indicator</b>	LCD displays "OL"
<b>Sample Rate</b>	2.5 times per second
<b>Battery</b>	9V
<b>Battery Life</b>	Approximate 100 hours
<b>Weight</b>	About 170g
<b>Dimensions</b>	130(L) x 56(W) x 38(H)mm

### Includes:

- E100 Meter
- User Manual
- 9V Battery
- Carrying Case