

## ELECTROMAGNETIC FIELD METER

## PRODUCT DATASHEET

### FEATURES

- Detects DC and AC magnetic fields
- Measures in milliGauss (mG) or microTesla ( $\mu$ T)
- N pole/S pole indicator
- High precision magnetometer can even measure the absolute environment of the Earth's magnetic field as reference
- Zero adjustment button for relative measurements
- Data hold, record max. and min. reading
- Easy to read LCD with backlight
- Auto or manual power off
- Includes probe and hard carrying case

### SPECIFICATIONS

**Measuring Range:** -3000 to 3000mG, -300 to 300 $\mu$ T

**Resolution:** 0.1mG: -199.9 to 199.9mG; 1mG:  $\geq$ 200 or  $\leq$  -200mG; 0.01 $\mu$ T: -19.9 to 19.9 $\mu$ T  
0.1 $\mu$ T:  $\geq$ 20 or  $\leq$  -20 $\mu$ T

**Accuracy:**  $\pm$ (2% + 2mG)

**Frequency Response:** AC/DC: 40 Hz to 10 KHz

**Field Direction:** Uniaxial

**Sampling Time:** Approx. 1 second

**Data Output:** RS 232/USB computer interface

**Power Supply:** UM3/AA (1.5 V) x 6 batteries

**Dimensions:** Meter: 173 x 68 x 42mm;  
Probe: 177 x 29 x 17mm

**Weight:** Meter: 350g (0.1lb); Probe: 78g (0.17lb)



### ORDERING INFORMATION

GU-3001 ..... Electromagnetic Field Meter  
USB-01 ..... USB Cable  
UPCB-01 ..... RS232 Cable  
SW-U801-WIN ..... Data Acquisition Software

