

Digital Gaussimeter



Model: GS-100DA

Application

It can be used to measure the magnetic induction intensity of DC magnetic field, AC magnetic field and other magnetic fields.

- * Portable, wide range.
- * Easy to operate, clear LIQUID crystal display.
- * There are measurement/peak retention, mT/Gs unit conversion.
- * 200mT/2000mT range conversion, etc.

principle

The tension sensor is based on Hall's principle. The circuit uses a low drift amplifier and a high stable power supply, controlled by a single chip microcomputer, and displays the measured values on a 4 1/2 LCD.

specifications

Measuring range	0~200mT~2000mT
Frequency range	10Hz~200Hz
The accuracy of	0~100mT 2%, above 100mT 5% (measured in a uniform magnetic field)
Resolution	DC*1:0.00~200.00mT 0.01mT
	DC*10:0.0~2000.00mT 0.1mT
	AC*1:0.00~200.00mT 0.01mT
	AC*10:0.0~2000.00mT 0.1mT
Magnetic field under test	Dc magnetic field (static magnetic field)
	Ac magnetic field (dynamic magnetic field)
Functional specifications	Peak retention Gs (Gauss) /mT (Millitesla) can be switched freely
Dc polarity of measurement	N for positive, S for negative
Operating Conditions	5°C~40°C
Relative humidity	20%~80% (There is no dew)
Power supply	Four no. 5 batteries can be externally connected to a 5V stabilized voltage supply
Overall dimensions	The host: 140mm (L) X73mm (W) X 30mm (H)
Instrument weight	180g
Display mode	4 1/2 LCD
According to the unit	mT/Gs
Standard Accessories	Main engine (one)
	Hall sensor (one)
	Operating Instructions (one copy)