

SHT-V Digital Gaussmeter

OPERATION MANUAL



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SHT-V Digital Gaussmeter is an instrument that can be used to measure magnetic field. The instrument has been used widely in mine, metallurgy, mining engineering and factories.

● **Key Parameters**

1. Measuring Range: 0~2T
2. Precision: 1.0%FS
3. Transferable Measuring Range

First measuring range	0.0~999.9mT
Second measuring range	1.000~2.000T
4. Resolving Power:

0.1mT(range 0.0~999.9mT)
1mT(range 1.000~2.000T)
- 5.Sampling Speed: 3~4 times/second
- 6.Display style LCD, 4
- 7.The dimension of probe: 1.5 x 3.0 x 20+ Φ 15 x 75mm
8. Working Temperature Range: 5~40°C
- 9.Power Supply: 1.5V Battery (three pieces)
- 10.Volume (without probe): 140 x 75 x 30mm
- 11.Weight (include battery): 250grm(approx)

● **Operating Description**

- | | |
|-------|--------------------------------------|
| ON: | Power on |
| OFF: | Power off |
| Null: | clear current numbers (back to zero) |

2.Measuring Display

On the panel's left side, there is an indicator light. When the indicator light is flashing, it means the measuring is on. The light is green; it means the measuring union is mT. The light is red; it means the measuring union is T.

bat: At the very beginning the "bat" in on the screen, it begins to flash at the same time. You should change the battery at once. When you are testing the "bat" is on your screen. It

means the battery is not strong enough. You had better change it. But it can still use for a period of time.

3.Precaution:

1. When the environment's temperature is as high as the instrument's, the precision will be higher.
2. When you are clearing numbers, the probe should far away from the magnetic field.
3. When you are testing, rotate the probe; make sure that the figures on the screen are maximum.
4. The magnetic pole: open the cap (the cap is used to protect the probe); turn the end without glue upward. Use the end with glue approach the magnet. When the “-” is on the screen, the magnetic pole is “N”.
5. Do not put out the probe frequently, or it will affect the precision of the probe.
6. Before testing open the cap, after testing cover the cap.
7. The probe should not be stressed or impacted.
8. The new battery and old battery should not be used together.
9. If the instrument will be free for a long time, the battery inside should be taken out.
10. Guarantee to keep the instrument in good repair for one year. (exclude the probe)

REFERENCE: 1T=1000Mt 1Mt=10Gs

*FREQUENTLY ASKED QUESTIONS

PHENOMINA	REASIONS	METHORDS
without display	battery	check batteries
display is not very clear	The environment's temperature is too low or the electric power is not very strong	The normal temperature range is 0-40°C
Liquid crystal board is disordered	The liquid crystal board is damaged	connect us