

## Gaussmeter/Teslameter CYGM99A



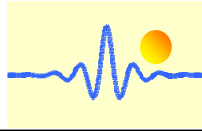
The Gaussmeter CYGM99A works according to Hall Effect measuring principle. It is a microprocessor controlled instrument and can be used to measure DC/AC magnetic field strength of permanent magnet materials, motors, speakers, magnetic sensors/ transducers, other machines and instruments etc. with high resolution. It is powered with 3 pieces of AA batteries (+1.5VDC) or via USB cable (+5VDC).

### Features:

- Wide measuring range and high resolution
- A low-cost measuring device, which is easy to operate, portable and convenient to handle and store.
- Ideal for quick quality checks and comparative measurements, with built-in polarity display.
- Data communication with computer via USB cable for further processing.
- Remote control by computer.

### Technical Data:

Measuring ranges:	0-50mT, 0-200mT, 0~500mT and 0-2000mT
Basic accuracy:	DC: $\pm 1.0\%$ , AC: $\pm 2.0\%$
Resolution:	DC x1: 0.0 ~ 50.000mT, 0.001mT DC x10: 0.0 ~ 500.00mT, 0.01mT DC x1: 0.0 ~ 200.00mT, 0.01mT DC x10: 0.0 ~ 2000.0mT, 0.1mT AC x1: 0.0 ~ 50.000mT, 0.001mT AC x10: 0.0 ~ 500.00mT, 0.01mT AC x1: 0.0 ~ 200.00mT, 0.01mT AC x10: 0.0 ~ 2000.0mT, 0.1mT
Measuring magnetic field:	DC/AC (static and dynamic field)
Frequency range:	DC, 10Hz ~ 10 kHz
Functions:	Range x1 / x10 selection Unit mT /Gs selection Probe zero adjustment N/S pole display for DC measurement RMS/Peak value for AC measurement Max hold, Min hold, Display hold Local/Remote control
Display:	5 Digit LCD
Display Unit:	mT/Gs (1mT=10Gs)
Ambient temperature:	+5°C ~ +50°C
Storage temperature:	-20°C ~ +70°C





Relative humidity:	20% ~ 80%
Power supply:	3 x 1.5V AA batteries or USB 5V
Dimensions:	190mm x 90mm x 33mm
Weight:	365g

## Accessories:

- 1) 3 x 1.5V AA batteries (not included if the transport is by air freight)
- 2) 1 x Hall probe CYTP98B (option: CYTP98A/CYAP98A/CYAP98B)
- 3) 2 x 0.9m USB Cable
- 4) 5V DC Voltage adapter (standard mobile phone charger)

## Hall Probes:

Probe Name	transverse probe		axial probe	
Part number	CYTP98A	CYTP98B	CYAP98A	CYAP98B
Measuring range	0-50mT, 0-500mT	0-200mT, 0-2000mT	0-50mT, 0-500mT	0-200mT, 0-2000mT
Probe size	1.5 x 4 x 65mm Custom-made : 0.95x4x65mm		Ø7 x 80mm	
Picture of CYTP98A and CYTP98B				
Picture of CYAP98A and CYAP98B				

## Packing Box:



Net weight: 735g

