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: ±1.0%, AC: ±2.0%
Resolution:

- DC x1: 0.0 ~ 50.000mT, 0.001mT
- DC x10: 0.0 ~ 500.000mT, 0.01mT
- DC x1: 0.0 ~ 200.000mT, 0.01mT
- DC x10: 0.0 ~ 2000.000mT, 0.1mT
- AC x1: 0.0 ~ 50.000mT, 0.001mT
- AC x10: 0.0 ~ 500.000mT, 0.01mT
- AC x1: 0.0 ~ 200.000mT, 0.01mT
- AC x10: 0.0 ~ 2000.000mT, 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:

<table>
<thead>
<tr>
<th>Probe Name</th>
<th>transverse probe</th>
<th>axial probe</th>
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<tbody>
<tr>
<td>Part number</td>
<td>CYTP98A</td>
<td>CYTP98B</td>
</tr>
<tr>
<td>Measuring range</td>
<td>0-50mT, 0-500mT</td>
<td>0-200mT, 0-2000mT</td>
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<tr>
<td>Probe size</td>
<td>1.5 x 4 x 65mm</td>
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<tr>
<td>Picture of CYTP98A</td>
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<tr>
<td>and CYTP98B</td>
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<tr>
<td>Picture of CYAP98A</td>
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<td>Packing Box:</td>
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Packing Box:

Net weight: 735g