

# Magnetic Field Meter Gauss Meter



HHG191  
£100



- ✓ Switch Between the Display of Micro-Tesla and Milli-Gauss
- ✓ Data Hold (HOLD) and Maximum (MAX) Hold Function
- ✓ Range Display (20, 200, 2000)
- ✓ Low Battery Detector
- ✓ Over Load Display "OL"

The HHG191 Gauss Meter represents the latest design in magnetic measuring equipment, allowing measurements up to 2000 mG to 200 micro-tesla with a basic accuracy of 2.5% plus 6-digit.

The HHG191 is capable of measuring the electromagnetic field radiation intensity that is produced from electric transmission equipment, power line, microwave oven, air conditioner, refrigerator, computer monitor, and video/audio device.

This meter is applied to measuring electromagnetic fields of extremely low frequency (ELF) of 30 to 300 Hz.

## Specifications

**Basic Accuracy:**  $\pm(2.5\% + 6\text{-digit})$  at 50 Hz/60 Hz

**Frequency Response:** 30 to 300 HZ

**Sample Rate:** 2.5 times per second

**Ranges:** 200/2000 mG, 20/200  $\mu$ T

**Sensor:** Single axis

**Resolution:** 0.1/1 mG or 0.01/0.1  $\mu$ T

**Display:** 3½ digits LCD, maximum reading 1999

**Readings:** Gauss, tesla

**Operating Temperature and Humidity:** 5 to 50°C (41 to 122°F), below 80% RH

**Power:** 9V battery (included)

**Battery:** 9V NEDA 1604, IEC 6F22 or JIS 006p

**Battery Life:** Approximately 200 hours

**Dimensions:** 130 L x 56 W x 38 mm H (5.1 x 2.2 x 1.5")

**Weight:** 180 g (0.40 lb)



HHG191, £100, shown larger than actual size.

AVAILABLE FOR FAST DELIVERY!

### To Order (Specify Model Number)

Model No.	Price	Description
HHG191	£100	Magnetic field meter
PH-1314	141	Reference Book: Atlas of Fatigue Curves

Comes with soft case and one 9V alkaline battery and operator's manual.

Ordering Example: HHG191, magnetic field meter, £100.

# omega.co.uk<sup>®</sup>

Your One-Stop Source for Process Measurement and Control!

Freephone 0800 488 488 | International +44(0) 161 777 6622 | Fax +44(0) 161 777 6622 | Sales@omega.co.uk

[www.omega.co.uk](http://www.omega.co.uk)



#### UNITED STATES

[www.omega.com](http://www.omega.com)

1-800-TC-OMEGA

Stamford, CT.

#### CANADA

[www.omega.ca](http://www.omega.ca)

Laval(Quebec)

1-800-TC-OMEGA

#### GERMANY

[www.omega.de](http://www.omega.de)

Deckenpfronn, Germany

0800-8266342

#### UNITED KINGDOM

[www.omega.co.uk](http://www.omega.co.uk)

Manchester, England

0800-488-488

#### FRANCE

[www.omega.fr](http://www.omega.fr)

088-466-342

#### CZECH REPUBLIC

[www.omegaeng.cz](http://www.omegaeng.cz)

Karviná, Czech Republic

596-311-899

#### BENELUX

[www.omega.nl](http://www.omega.nl)

0800-099-33-44



## More than 100,000 Products Available!

### • Temperature

Calibrators, Connectors, General Test and Measurement Instruments, Handheld Instruments for Temperature Measurement, Ice Point References, Indicating Labels, Crayons, Cements and Lacquers, Infrared Temperature Measurement Instruments, Recorders, Relative Humidity Measurement Instruments, PT100 Probes, PT100 Elements, Temperature & Process Meters, Timers and Counters, Temperature and Process Controllers and Power Switching Devices, Thermistor Elements, Probes and Assemblies, Thermocouples, Thermowells and Head and Well Assemblies, Transmitters, Thermocouple Wire, RTD Probes

### • Flow and Level

Air Velocity Indicators, Doppler Flowmeters, Level Measurement, Magnetic Flowmeters, Mass Flowmeters, Pitot Tubes, Pumps, Rotameters, Turbine and Paddle Wheel Flowmeters, Ultrasonic Flowmeters, Valves, Variable Area Flowmeters, Vortex Shedding Flowmeters

### • pH and Conductivity

Conductivity Instrumentation, Dissolved Oxygen Instrumentation, Environmental Instrumentation, pH Electrodes and Instruments, Water and Soil Analysis Instrumentation

### • Data Acquisition

Auto-Dialers and Alarm Monitoring Systems, Communication Products and Converters, Data Acquisition and Analysis Software, Data Loggers Plug-in Cards, Signal Conditioners, USB, RS232, RS485 and Parallel Port Data Acquisition Systems, Wireless Transmitters and Receivers

### • Pressure, Strain and Force

Displacement Transducers, Dynamic Measurement Force Sensors, Instrumentation for Pressure and Strain Measurements, Load Cells, Pressure Gauges, Pressure Reference Section, Pressure Switches, Pressure Transducers, Proximity Transducers, Regulators, Pressure Transmitters, Strain Gauges, Torque Transducers, Valves

### • Heaters

Band Heaters, Cartridge Heaters, Circulation Heaters, Comfort Heaters, Controllers, Meters and Switching Devices, Flexible Heaters, General Test and Measurement Instruments, Heater Hook-up Wire, Heating Cable Systems, Immersion Heaters, Process Air and Duct, Heaters, Radiant Heaters, Strip Heaters, Tubular Heaters