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For decades, our product range has been dynamically adapting to the constant changes in the industry.

We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft's success.

GM-200 MULTIFUNCTION EMF METER

Item no. 3531176

The product is a multi functional electromagnetic field (EMF) tester, intended to identify, quantify, and record electromagnetic field levels in different environments.

PACKAGE CONTENTS

Product // Carrying case // USB cable // Operating instructions

TECHNICAL DATA

General

Input	5 V/DC 1 A via USB-C®
Rechargeable battery	3.7 V 1000 mAh 3.7 W Li-ion
Data saving.....	approx. 100,000 points
Display.....	Colour LCD
Data interface	USB-C®
Alert	Audible
Display value	Average, minimum, maximum
RF strength unit.....	mW/m ² , W/m ² , µW/cm ² , mW/cm ² , V/m
Electric field unit	V/m
Magnetic field unit.....	µT, mG
Dimensions.....	185 x 55 x 38 mm
Weight	approx. 183 g

RF strength

Sensor	Isotropic, three-axis (X,Y,Z)
Measuring mode.....	high frequency electric field
Frequency Range.....	50 MHz to 8 GHz
Units of Measure	mW/m ² , W/m ² , µW/cm ² , mW/cm ² , V/m
Measurement Range.....	0 µW/m ² to 26.52 W/m ² , 0 µW/cm ² to 2.652mW/cm ² , 0 V/m to 100 V/m
Resolution.....	0.001 mW/m ² , 0.001 µW/cm ² , 0.00 1V/m
Accuracy.....	±15%
Dynamic range	45 dB
Frequency response.....	±1.0 dB (50 MHz to 1.9 GHz) ±2.4 dB (1.9 GHz to 8 GHz)
Overload limit.....	2.652 mW/cm ² (100 V/m)

Electric fields

Sensor	Uniaxial (Z)
Measuring mode.....	Low frequency electric field
Display resolution	1V/m
Frequency range/ Measuring range	50 - 60Hz 50 to 2000V/m
Accuracy.....	±10%

Magnetic fields

Sensor configuration.....	Uniaxial (Z)
Measuring mode.....	Magnetic field
Display resolution	0.01µT, 0.1mG
Frequency range/ Measuring range	50Hz ~ 60Hz 0 to 2000mG, 0 to 200 µT
Accuracy.....	±10%

Environment

Operating conditions.....	0 to +50 °C, 0-75% RH, (non-condensing)
Storage conditions.....	-10 to +60 °C, 0-80% RH, (non-condensing)

