

Bell Technologies Gaussmeters

The 23143E meters measure magnetic fields around equipment in manufacturing environments, around computers in offices, or in R & D lab applications. Also ideal for regulatory-standards testing. Three models available, all CE compliant.

- Hall-Effect Technology
- Gauss and Tesla Readings on All Units, 23143E-4/6 Add Ampere/Meters Readings
- Auto-Zero, Autoranging, MIN/MAX/Peak Hold, Relative-Mode Functions
- Features Analog Outputs and RS-232 Port (23143E-6)
- Simple Operation Via User Prompts. Software Eliminates Complex Calibration

Each Unit Includes: Standard 4" (23143E-4 and 23143E-6) or Heavy-Duty 2" (23143E-2) transverse probe (detachable), zero gauss chamber, two 9V batteries, hard carrying case, and instruction manual.

Accessories

Order #	Mfg #	Price
MP23145E-2	Axial Probe, 2", for 23143E-2	
MP23145E-4	Axial Probe, 4", for 23143E-4	
MP23145E-6	Axial Probe, 4", for 23143E-6	



Specifications and Ordering Information

Mfg#	5060	5070	5080
Ranges:	2 kG, 20 kG	200G, 2 kG, 20 kG	300G, 3 kG, 30 kG
Resolution:	1.0G, 10G (100 μ T, 1 mT)	0.1G, 1.0G, 10G (10 μ T, 100 μ T, 1 mT)	0.1G, 1.0G, 10G (10 μ T, 100 μ T, 1 mT)
Basic Accuracy:	4%	2%	1%
Readings:	Gauss, Tesla	Gauss, Tesla, Ampere/Meters	Gauss, Tesla, Ampere/Meters
Bandwidth:	DC	DC to 10 kHz	DC to 20 kHz
Sampling Rate (DC mode):	10/second	10/second	10/second
Display:	3 1/2-digit LCD	3 1/2-digit LCD	3 1/2-digit LCD
Size:	5.2 x 5.3 x 1.5" HWD (132 x 135 x 38 mm)	5.2 x 5.3 x 1.5" HWD (132 x 135 x 38 mm)	5.2 x 5.3 x 1.5" HWD (132 x 135 x 38 mm)
Analog Output / RS232			•
Order #	MP23143E-2	MP23143E-4	MP23143E-6
Price			

Bell Technologies Gaussmeters

Measure extremely low frequency magnetic fields easily and affordably

The 23140E "ELF" meters measure magnetic fields in milligauss ranges, and are perfect for commercial or residential use. They detect emissions from video display terminals (VDTs), AC power lines, office machines, household appliances—all types of electrical and electronic equipment. Three models available, all CE compliant.

- Measurement Ranges to 1999 mG, Accuracy to 1% \pm 1 Digit, Resolution 0.1 mG
- 23140E-3 is Autoranging and True RMS with Three-Axis Sensor for Accurate Measurements Regardless of Instrument Orientation
- Lightweight and Portable, Completely Self Contained, Easy to Use
- Affordable—a "Must Have" for Anyone Who Needs to Measure Extremely Low Frequency Magnetic Fields

Each Unit Includes: 9V alkaline battery, deluxe carrying case, and instructions.



Specifications and Ordering Information

Mfg#	4070	4090
Sensor:	Single axis	Three axis
Range:	0.1 to 199 mG	0.1 to 1999 mG
Minimum Resolution:	0.1 mG	0.1 mG
Typical Accuracy Error:	\pm (1% + 1 digit)	\pm (1% + 1 digit)
Frequency Response:		
\pm 5%:	50 to 300 Hz	40 to 200 Hz
-3 dB:	30 to 600 Hz	30 to 600 Hz
Calibration Frequency:	60 Hz	55 Hz
Display:	3 1/2-digit LCD	3 1/2-digit LCD
Size (HWD):	4.7 x 2.4 x 1.0"	5.9 x 3.2 x 1.2"
Weight:	5 oz	7 oz
Order #	MP23140E-1	MP23140E-3
Price		