

HGM09s Handheld Gauss Meter with Transverse Probe & Accessories Kit

Technical Product Information



HGM09s Gaussmeter Specifications

| | | | | |
|------------------------------------|--|-------------|-----------|------------|
| Display | Graphics, LCD | | | |
| Units | Tesla (T) | | Gauss (G) | |
| Measuring Ranges / Resolution | Range | Resolution | Range | Resolution |
| | 4.5 T | 1 mT | 45 kG | 10 G |
| | 1 T | 100 μ T | 10 kG | 1 G |
| | 100 mT | 10 μ T | 1 kG | 100 mG |
| | 10 mT | 1 μ T | 100 G | 10 mG |
| Accuracy | DC \pm 0.5% to 1.5 T or \pm 1% from 1.5 T; Peak \pm 2%; AC \pm 2% | | | |
| Frequency Range | DC / AC 0Hz - 5 kHz (rms value) | | | |
| Peak Hold | t(signal) > 250 μ s | | | |
| Interface | USB, including driver for a virtual serial interface | | | |
| Power Supply (included) | Power supply unit 100 - 240 VAC, 50 / 60 Hz, 0.3 A max USB interface Rechargeable battery 2 x AA 1.2 V NiMH (exchangeable) | | | |
| Temperature Range | -10°C to +40°C | | | |
| Dimensions | 5.7" x 3.15" x 1.57" (145mm x 80mm x 40mm) | | | |
| Weight (including batteries) | 8.8 ozs (250 g) | | | |
| Probes (Transverse Probe included) | Standard Transverse probe (included) 0.053" thick x 0.137" wide x 1.8" long, plus cord Axial probe 0.157" diameter s 2.36" long, plus cord All probes: Active area 0.006" diameter Holder 0.433 diameter x 4" long Cable length approx. 4 feet Integrated EEPROM | | | |
| Carrying case (included) | Black, 12" x 13.5" x 2" | | | |
| Warranty | 12 months from date of purchase | | | |