Model 5080 **UltraThin Hall-Effect Probe**

Hall-Effect **Probes**

Description

STB5X-0201

The Model 5080 UltraThin Hall-effect gaussmeter probe is currently the thinnest probe and has the smallest active area available for handheld instruments. Utilizing a new manufacturing process, an instrument grade Hall sensor with a thickness of 0.020" (.51mm) max, 0.016" (.41mm typ.) and an active area of 0.025" (0.64mm) will provide DC magnetic field measurements up to 10kG with a linearity accuracy of 1.0% of reading.

Applications

- Loudspeaker Voice coil Inspection
- Point Source Measurement
- Quality Control
- Multi-Poled Magnets
- Miniature Magnet Inspection
- Thin Air Gap Assemblies
- Medical Applications
- Environmental Measurements

Specifications

Electrical

Linearity Accuracy	±1.0% to 10kG
Active Area	0.025" (0.64mm) Diameter, Nominal
Temperature Range (Operating)	0° C to +75° C
Temperature Stability	
Zero	±0.2 Gauss/°C
Calibration	-0.1%/°C
Frequency Response	DC

Mechanical

Stem Tip	Kapton Leadstrip

Note: Due to continuous process improvement, specifications are subject to change without notice.

ISO 9001
Certificate Number: 31905

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