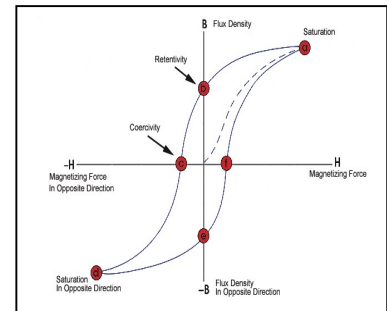


BH HYSTERESIS TESTER



ABOUT THE SYSTEM

BH Hysteresis tester is designed and developed by our company and has recognition worldwide. The system measures Magnetic Loop at different temperatures for materials such as ferrites magnetic materials, and other smart magnetic materials. The sample is generally cylindrical, cylindrical ring in shape can be hollow cylinder, or a rod. Two insulated windings are generally done on the sample. One is called primary of known thickness and no of turns. The second is called secondary of known thickness and turns. Electrical AC signal of different frequencies is applied in one and due to magnetization output signal is read simultaneously in secondary winding. A plot B vs. H is seen in oscilloscope. Total operations are performed digitally and suitable for BSC MSC.



MODEL: 2000 BH

Test Performed by this Model: BH Hysteresis at different temperature.

List of Deliverables	
BH Hysteresis Tester Unit	Temperature stage
High Temperature Sample holder	Inter connecting cables and manual
Silicon Oil 500 ml	Standard PZT sample, Manual

Technical Specification	
2000 gauss	Temperature RT-250.C
XY probes output for oscilloscope	Calculation package for BH remanence
Overload protections	Optional RS232 Interference
Current limit 2 mA	19Inch Rack Mountain unit
Standard Magnetic ferrite sample	Silicon Oil 500 ml
High Temperature Sample holder	Standard PZT sample, Manual

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