

Product Code . JL-PLE-7952

Universal B-H Curve Tracer



Description

Universal B-H Curve Tracer

JLab developed a technique to quickly trace B-H loop of ferromagnetic materials of any shape without winding the primary and secondary coil on the sample.

The present technique is specially designed for teaching and industrial applications.

In this technique, B-H loop is formed by simply inserting the specimen in a magnetizing coil.

Any magnetic specimen can be inserted in a magnetizing coil.

It makes use of a specially designed integrated circuit probe to measure the flux density B.

Applications:-

Study of the hysteresis curves of transformer stampings, ferrites and other magnetic materials of different shapes and determination of their energy losses.

Determination of saturation, magnetization, remanence and coercivity of magnetic materials.

Study of the hysteresis curve as a function of the magnetic field.
