

Study of Magnetic Field Using Tangent Galvanometer



MODEL - AKPHY010

MAKE - AK LABS

The Study of Magnetic Field Using Tangent Galvanometer apparatus demonstrates the relationship between electric current and the magnetic field. It enables students to measure magnetic field strength and verify electromagnetic principles, making it ideal for physics laboratory experiments and practical demonstrations.

KIT SPECIFICATION

Experiment	Study of Magnetic Field Using Tangent Galvanometer
Instrument Type	Tangent Galvanometer
Principle	Tangent Law of Magnetism
Measurement	Magnetic Field Due to Electric Current
Coil Material	Copper Wire with Circular Coil
Application	Physics Electromagnetism Laboratory Experiments
Suitable For	Schools, Colleges, Engineering & University Physics Labs

KIT DETAILS

The Study of Magnetic Field Using Tangent Galvanometer apparatus is a precision laboratory instrument designed to investigate the magnetic field produced by electric current. It helps students verify the tangent law, determine the horizontal component of

Earth's magnetic field, and understand electromagnetic concepts through accurate measurements. Suitable for school, college, engineering, and university physics laboratories.