



Magnetic induction kit

PP216

The Pico Technology Magnetic Induction Kit provides a simple and effective method for students to investigate the concepts of Faraday's laws of electromagnetic induction. A small bar magnet is dropped down the tube and, as it passes through the coil, an electromotive force (EMF) is induced. The output pulse can be viewed using a [Pico Technology PC Oscilloscope](#), a [DrDAQ data logger](#) or most other types of digital storage oscilloscopes.



The Magnetic Induction Kit can be used to demonstrate electromagnetic induction, the direction of induced currents and variation of the size of induced EMF with velocity. It can also be used as a student-based investigation, either with full instructions or as an open investigation where the students research the concepts.