

HALL EFFECT

REMA02

Description

This experiment is designed to explore the Hall Effect and Hall voltage of a n-type germanium sample, the Hall coefficient, as well as the concentration of charge carriers and mobility from the magnitude of the Hall voltage.



EE-0160-00 Hall Effect Apparatus
Controlled voltage is applied to germanium crystal.
Hall voltage is measured by multimeter.



EE-0161-00 Solenoids
The magnetic field on the germanium semiconductor is changed by the current supplied to the solenoids.

Order Information

Item Code	Item Name
EE-0160-00.....	Hall Effect Apparatus (with Germanium Crystal).....
EE-0161-00	Electromagnets (2 Pcs) (Solenoids, Iron Core, with Holders)
ST-0175-00	Bench (60 cm) (with adjustable legs).....
EE-0033-00	Multimeter (2 pcs) (required, not included)
EE-0120-08	Connection Cables (80 cm, 8 Pcs).....