



Advanced demountable transformer with sensor and software (with low power supply)

EQ870.04

Function

For the study of the following topics:

- electromagnetism: electric load in magnetic field, Oersted's experiment, Faraday and Lenz's law, static and dynamic magnetic fields, Foucault current, Ampère's law, interaction between two conductors, solenoid, electromagnetic induction;

- electrodynamics AC: alternate currents and voltages, electromagnetic phenomenon, increaser and reducer transformers, energy conservation;

Experiments with data acquisition.

Knowledge areas

Physics - Math & Science Fundamentals

Level

Graduation - Technical education

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