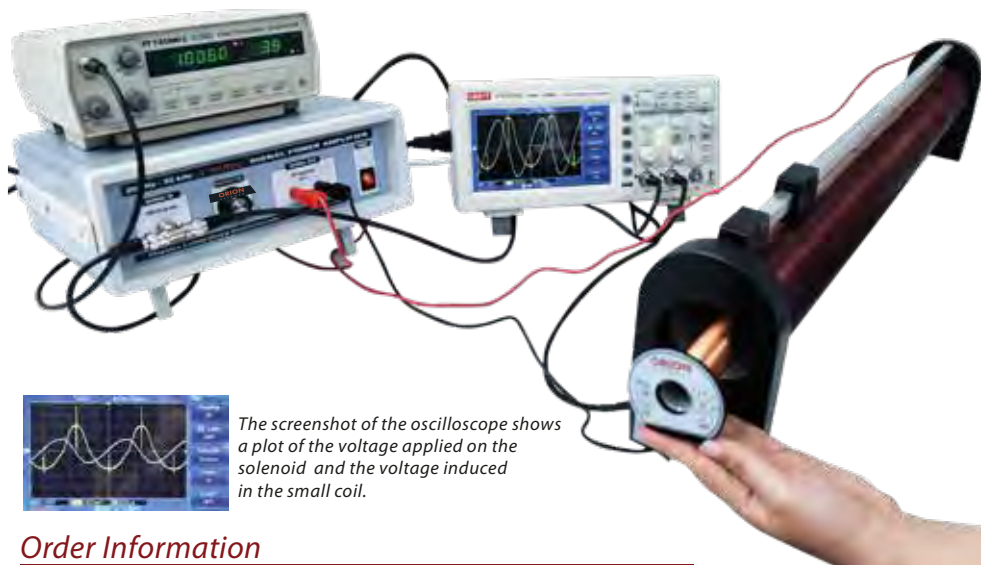


MAGNETIC INDUCTION

REEE06



The screenshot of the oscilloscope shows a plot of the voltage applied on the solenoid and the voltage induced in the small coil.

Description

Faraday Induction Law is verified, by applying a voltage to the solenoid and oscilloscope measures induced voltage on small coils.



Coils

- EE-0155-00 : 75 turns
- EE-0156-00 : 150 turns
- EE-0157-00 : 300 turns

Order Information

Item Code	Item Name
EE-0052-00.....	Power Amplifier
EE-0055-00.....	Solenoid
EE-0155-00.....	75 Turn Coil
EE-0156-00.....	150 Turn Coil
EE-0157-00.....	300 Turn Coil
EE-0151-00.....	Double Sided BNC Cables (2 Pcs)
EE-0151-01.....	BNC-Banana Cables (2 Pcs)
EE-0007-00.....	BNC T Connector
EE-0120-09.....	Connection Cables (90 cm, 4 Pcs)
EE-0034-00.....	Function Generator (required, not included)
EE-0032-00.....	Oscilloscope (required, not included)
EE-0033-00.....	Multimeter (required, not included)



Adjustable coil length

Solenoid

- 280 turns
- Length: 750 mm
- Diameter: 81 mm

MAGNETIC INDUCTION – VERNIER VERSION

REEE06-V **NEW**

Description

The signal from LabQuest 2 (signal generator) is amplified by Vernier Power Amplifier (PAMP). The datas are read from LabQuest® 2 screen



Required Units

 Differential Voltage Probe DVP-BTA	 Current Probe DCP-BTA	 LabQuest® 2 LABQ2	 Vernier Power Amplifier PAMP
---	--	--	---

- EE-0052-00 Power Amplifier
 - EE-0034-00 Function Generator
 - EE-0032-00 Oscilloscope
 - EE-0033-00 Multimeter
 - EE-0151-00 Double Sided BNC Cables
 - EE-0151-01 BNC-Banana Cables
 - EE-0007-00 BNC T Connector
- are not required in this version