

Student set Electricity / Electronics 2 with Building Blocks, Electromagnetism and Induction, TESS advanced Physics

Article no: 25266-88



Function and Applications

Supplementary equipment set for Electric/Electronics Building Block System Basic set 1. In combination with this set, another 18 student experiments can be performed:

- Electromagnetism (6 experiments)
- Electric motors (3 experiments)
- Induction (3 experiments)
- Transformers (2 experiments)
- Self-Induction (3 experiments)
- Safe Working with Electrical Energy (1 experiments)

Benefits

- Complete equipment set: simple execution of the experiments
- The equipment is stored in a rugged, stackable and compact box, allowing quick control of completeness (foam insert)
- Experimenting literature for pupils and teachers available: minimal preparation time
- Matched with international curriculum: all topics are covered
- The circuits are assembled directly on student's desk and the safe electric contact is guaranteed by the use of a unique puzzle block system with corrosion-free gold plated contacts. No breadboard is required.
- Rugged -PUZZLE- blocks featuring contrasted screen-printed electric symbol on top
- Easy teaching and efficient learning through the digital experiment descriptions enclosed as QR codes

Equipment and Technical Data

- The equipment set consists of all necessary components for the experiments

Scope of delivery

Coil, 400 turns	07829-01	2
Coil, 1600 turns	07830-01	1
Contact spring with armature	05673-00	1
Contact element on 4-mm-plug	05673-01	1
Tightening screw	07834-00	1
Rotating stem	07836-00	1
Notch bearing with plug	07877-00	1
Galvanometer movement	07875-00	1
Drawing compass , 1 units	06350-03	1
Galvanometer scale	07876-00	1
magnet, l = 72mm, rodshaped, colored poles	07823-00	1
Coil holder module, SB	05672-00	1
Neon lamp 110 V AC, E10	07506-90	1
Iron core, I-shaped, laminated	07833-00	1
Universal holder module, SB	05603-00	1
Iron core, U-shaped, laminated	07832-00	1
Relais module 6 V, SB	05674-00	1
Motor model for student experiments	07850-10	1

Necessary accessories

Student set Electricity / Electronics 1 with Building Blocks, TESS advanced Physics	25264-88
Student set Electrics /Electronics 1, necessary accessories for 1 group, TESS advanced Physics	13470-88
Student set Electrics / Electronics 1, consumables for 10 groups, TESS advanced Physics	13471-88

Recommended accessories

Carrying system for student experiment boxes	25200-00
TESS advanced Electronics EB 2 optional accessories for 1 group	13472-88
Handbuch Schülerversuche Elektrik/Elektronik Baustein-System 1 und 2, TESS advanced Physik, (in german)	01006-01