

Student set Linear Motion with Timer 2-1, Dynamics, TESS adv. Physics

Article no: 15283-88



Function and Applications

Equipment set allowing the performance of 6 experiments about the following topics:

- Uniform and non-uniform motion (1 experiments)
- Laws of motion (1 Experiments)
- Newtons laws (2 Experiments)
- Conversion of energy (1 Experiments)
- Free fall (1 Experiment)

For four additional experiments, the optional accessories (13453-88) is needed (includes i.a. a motor driven car).

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
- With this set it is possible to perform student experiments to the subject "Linear motion" in a modern and extremely accurate way

Equipment and Technical Data

- The equipment set consists of all the necessary components for the experiments, including the digital counter timer 2-1 and two light barriers
- Robust, stackable storage box with a foam insert fitting to the contained equipment

Scope of delivery

Support base, variable	02001-00	1
Stand rods, stainless steel, various sizes	02031-00	1
Support rod with hole, stainless steel, 10 cm	02036-01	1
Boss head	02043-00	2
Slotted weight, silver bronze, 10 g	02205-03	4
Slotted weight, silver bronze, 50 g	02206-03	3
Pulley, movable, dia. 65 mm, w. hook	02262-00	1
Rod for pulley	02263-00	1
Weight holder, silver bronze, 1 g	02407-00	1
Silk thread, l = 200 m	02412-00	1
Steel ball, d = 19 mm	02502-01	1
Ball release unit	02505-00	1
Slotted weight, blank, 1 g	03916-00	4
Holding pin	03949-00	1
Pulley, movable, dia. 40 mm, w. hook	03970-00	1
Connecting cable, 32 A, red, various lengths	07363-01	2
Connecting cable, 32 A, yellow, various lengths	07363-02	2
Connecting cable, 32 A, blue, various lengths	07363-04	2
Measuring tape, l = 2 m	09936-00	1
Cart for measurements and experiments	11060-00	1
Shutter plate for cart	11060-10	1
Light barrier, compact	11207-23	2
Adapter plate for Light barrier compact	11207-22	2
Track, l 900 mm	11606-00	1
PHYWE Timer 2-1	13607-99	1
TESS box, plastics, high, 305 x 425 x 150 mm	15200-01	1
Lid for TESS box, plastic	15205-01	1

Recommended accessories

Carrying system for student experiment boxes	25200-00
Car, motor driven	11061-00
Shutter plate for car, motor driven	11061-03
Handbuch Schülerversuche Mechanik 6, mit dem Timer 2-1, TESS advanced Physik	01159-11
TESS advanced Mechanics linear motion optional accessories for 1 group	13453-88