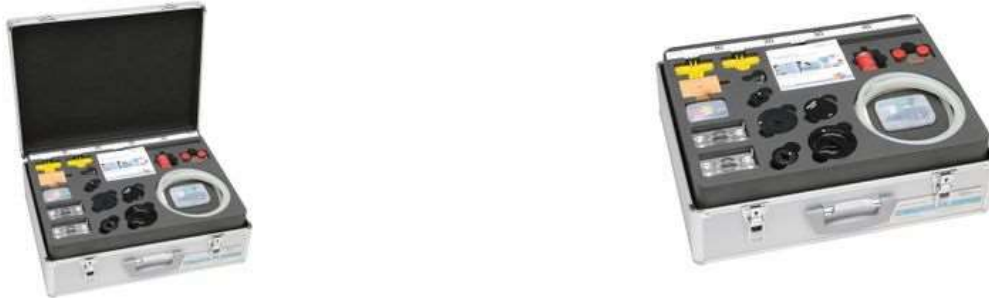


DEMO advanced Physics Supplementary Set Mechanics 2

Article no: 15511-88



Function and Applications

Supplementary equipment set for the DEMO Set Mechanics 1 (15510-88). In combination with the set Mechanics 1 another 19 demonstration experiments can be performed:

- Forces (5 experiments)
- Simple Machines (4 experiments)
- Mechanical Forms of Energy (1 experiment)
- Mechanics of Liquids and Gases (9 experiments)

Benefits

- Magneto-adhesive and flexible track with a reinforced front edge, which allows to set up completely unconventional track shapes for experiments on the law of conservation of energy
- Magneto-adhesive components ensure easy handling and freedom of positioning
- Secure fastening using magnets with an adhesive force of at least 10 N
- Easy marking of motions using colored arrows and points
- Liquid levels are easy to observe on the plain background
- The experiments can be modified in next to no time
- Complete equipment set in addition to Mechanics 1
- The equipment is stored in a robust aluminum case with removable lid
- Foam insert for a quick control of completeness and secure transport of the set
- Experimenting literature for all teacher experiments are delivered as PDF documents on a DVD
- Matched with international Curriculum: all topics are covered

Equipment and Technical Data

- the equipment set consists of all necessary components for the experiments
- robust storage case with foam insert fitting to the contained equipment

Necessary accessories

- Demo Physics board with stand (02150-00)
- DEMO advanced Mechanics 2 necessary accessories (15511-01)
- DEMO advanced Physics Set Mechanics 1 (15510-88)
- DEMO advanced Mechanics 1 necessary accessories (15510-01)

Optional accessories

- DEMO advanced Physics Set Linear Motion (Dynamics) (15512-88)
- Mobile Demo Lab for demonstration experiments with the a magnetic board (02190-93)

Scope of delivery

Scale for demonstration board	02153-00	1
Leaf spring	02228-00	1
Friction block	02240-01	1
Gear wheel, 20 teeth	02350-13	1
Gear wheel, 40 teeth	02351-03	1
Axle on fixing magnet	02151-04	2
Weight, 150 g, for 11060.00	11060-01	1
Clamping holder, 0-13 mm, fixing magnet	02151-07	1
Marker points for demonstration board, 24 pcs	02154-02	1
Syringe holder on fixing magnet	02156-00	2
Overflow vessel on fixing magnet	02158-00	1
Rollercoaster track, fix.magnet	02159-00	1
Immersion probe	02632-00	1
Hollow and solid cylinder	02637-00	1
Glass tube holder with tape measure clamp	05961-00	2
Stand rods, stainless steel, various sizes	02030-00	1
Silicone tubing, various diameters	47530-00	2
Funnel, diameter = 50 mm, plastic (PP)	36890-00	1
Beaker, 100 ml, plastic (PP)	36011-01	1
Hose clamp for 8-12 mm diameter	41000-00	2
Gas syringe, 100 ml	02614-00	2
Plunger plate for gas syringes	02618-00	2
Commercial weight, 500 g	44096-50	1
Commercial weight, 200 g	44096-20	2
Storage tray, 413 x 120 x 100 mm	47325-01	1
Nozzle for glass screwthread	43903-01	1

Necessary accessories

DEMO advanced Physics Set Mechanics 1	15510-88
DEMO advanced Mechanics 1 necessary accessories	15510-01
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DEMO advanced Mechanics 2 necessary accessories	15511-01
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PHYWE Demo Physics board with stand	02150-00

Recommended accessories

Moveable experimental table 90 x 75 cm, 30 mm table top with PP edge, with shelf for 3 boxes and socket board	15500-00
Handbuch Lehrerversuche Mechanik auf der Tafel 2, DEMO advanced Physik (MT2), (in german)	01153-01