

DEMO advanced Physics Set Optics, incl. halogen lamp with magnetic base

Article no: 15550-88



Function and Applications

Equipment set allowing the performance of 60 experiments about the following topics:

- Propagation of Light (7 experiments)
- Mirrors (16 experiments)
- Refraction (10 experiments)
- Lenses (13 experiments)
- Colours (6 experiments)
- The human Eye (3 experiments)
- Optical Equipment (5 experiments)

Benefits

- Excellent complement to identical student experiments by directly comparable devices
- Light-intense halogen lamp
- Demonstrative models of lenses
- Minimum preparation time
- Easy teaching by using the demo board for demonstration
- Complete equipment set: simple execution of the experiments
- The equipment is stored in a robust aluminium 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
- Including halogen lamp with magnetic base

Scope of delivery

Optical block, semicircular, magnet held	08270-01	1
Opt. block,planoconvex, magn.held	08270-02	2
Opt. block,planoconcave,magn.held	08270-03	1
Opt. block,trapeze, magnet held	08270-05	1
Opt. block,triangular,magnet held	08270-06	1
Model earth/moon, magnet held	08270-07	1
Cuvette, magnet held, 230x75 mm	08270-08	1
Optical disk, magnet held	08270-09	1
Scale for demonstration board	02153-00	1
Diaphragm w. holder, magnet held	08270-10	2
Light guide model, magnet held	08270-11	1
Concave/convex mirror,magnet held	08270-12	1
Plane mirror, magnet held	08270-13	2
Light box accessories for colour mixing	09806-00	1
Colour filter set, additive (red, blue, green)	09807-00	1
Colour filter set, subtractive (yellow, magenta, cyan)	09808-00	1
Magnetic bottom for light box	09804-10	1

Necessary accessories

DEMO advanced Optics necessary accessories	15550-01
PHYWE Demo Physics board with stand	02150-00

Recommended accessories

Moveable experimental table 90 x 75 cm, 30 mm table top withPP edge, with shelf for 3 boxes and socket board	15500-00
Experimentallamp Laser/LED	08770-00