

Student set Optics 1 including light box, TESS beginner Sciences

Article no: 25276-88



Function and Applications

Basic set allowing the performance of 34 experiments about the following topics:

- Propagation of light (5 Exp.)
- Mirrors (7 Exp.)
- Refraction (10 Exp.)
- Lenses (8 Exp.)
- The human eye (4 Exp.)

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
- Simple teaching and efficient learning thanks to the digital experiment descriptions included as a QR code

Equipment and Technical Data

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

Scope of delivery

Mirror on block, 50 mm x 20 mm	08318-00	1
Light box, halogen 12V/20 W	09801-00	1
Shutter plate, black for light box	326422	3
Block, semicircular	09810-01	1
Block, trapezoidal	09810-02	1
Block, rectangular triangle	09810-03	1
Block, planoconvex lens, $f=100\text{mm}$	09810-04	2
Block, planoconcave lens, $f=100\text{mm}$	09810-05	1
Cuvette, double semicircular	09810-06	1
Optical disk	09811-00	1
Mirror, concave-convex	09812-00	1
Lid for TESS box, plastic	15205-00	1
TESS box, plastics, high, 305 x 425 x 150 mm	15200-00	1

Necessary accessories

Student set Optics 1, necessary accessories for 1 group, TESS advanced Physics	13460-88
Student set Optics 1, consumables for 10 groups, TESS advanced Physics	13461-88

Recommended accessories

Carrying system for student experiment boxes	25200-00
Handbuch Schülerversuche Optik, TESS advanced Physik, (in german)	01164-01
TESS advanced Physics supplementary Set Colour mixing	13250-77