

TECHNICAL DATA

Student set optics 1 including LED- / Laserlightsource

Article no: 15278-88



Function and Applications

Basic set allowing the performance of 31 experiments about the following topics:

- Propagation of light (3 Exp.)
- Mirrors (7 Exp.)
- Refraction (9 Exp.)
- Lenses (8 Exp.)
- The human eye (4 Exp.)

Benefits

- Complete equipment set: simple execution of the experiments
- Student safe Laser- / LED- experimental lamp with key switch laser and akku.
- 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
- Easy teaching and efficient learning

Equipment and Technical Data

- The equipment set consists of all necessary components for the experiments
- Including Laser-/LED lamp

Scope of delivery

Optical Block, biconvex lens, f = +100mm	09832-01	2
Optical Block, biconcav, f = -100 mm	09832-02	1
Optical Block, rectangular	09832-03	1
Optical Block, prism, right-angle	09832-04	1
Optical Block, planconvex, f =+50 mm	09832-05	1
Optical disc	09811-01	1
Experimentallamp Laser/LED	08770-00	1
Mirror, concave-convex	09812-00	1
Cuvette, double semicircular	09810-06	1
Lid for TESS box, plastic	15205-01	1
TESS box, plastics, high, 305 x 425 x 150 mm	15200-01	1
Mirror, plan, 100 mm	09813-00	1

Recommended accessories

Handbuch Schülerversuche Optik, TESS advanced Physik, (in german)	01164-01
Carrying system for student experiment boxes	25200-00