

Student set Acoustics 1, TESS advanced Physics

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Function and Applications

Equipment set allowing the performance of 14 experiments about the following topics:

- Generation, propagation and perception of sound (8 Experiments)
- Physical properties: Oscillations and waves (2 Experiments)
- Applications in the field of medicine, music, and everyday life (4 Experiments)

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
- Multidisciplinary treatment of the subject acoustics: physics, biology and music
- More than 10 documented experiments, mainly software- based
- Powerful educational software for generation and analysis of acoustic signals

Equipment and Technical Data

- The equipment set consists of all necessary components for the experiments
- Robust, stackable storage box with a foam insert fitting to the contained equipment

Necessary accessories

- For the software-based experiments, speakers, earphones and microphone are required

Optional accessories

- TESS Applied Sciences manual Acoustics (13289-02)
- Supplementary set TESS advanced Applied Sciences Acoustics 2 (15321-88)

Necessary accessories

Student set Acoustics 1, necessary accessories for 1 group, TESS advanced Physics 15289-77

Recommended accessories

Handbuch Schülerversuche Akustik, TESS advanced Physik, (in german) 13289-01

Carrying system for student experiment boxes 25200-00