

## Student set Acoustics 2, TESS advanced Physics

Article no: 15321-88



### Function and Applications

Supplementary equipment set for TESS set Acoustics 1 (15289-88). Together with the set Acoustics 1, it is possible to perform 22 student experiments in total:

- Generation, propagation and perception of sound
- Physical properties: Oscillations and waves
- Applications in the field of medicine, music, and everyday life

### 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)
- Matched with international curriculum: all topics are covered
- Experimenting literature for pupils and teachers available: minimal preparation time
- Multidisciplinary treatment of the subject acoustics: physics, biology and music
- More than 20 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
- TESS advanced Applied Sciences set Acoustics 1 (13289-88)

### Optional accessories

- TESS advanced Applied Sciences manual Acoustics (13289-02)

## Scope of delivery

Glass tube, d(outside) = 44 mm, l = 340 mm	13289-20	1
Felt sheet, 100 x 100 mm	04404-20	1
Weight holder, 10 g	02204-01	1
Slotted weight, silver bronze, 50 g	02206-03	2
Digital stopwatch, 24 h, 1/100 s and 1 s	24025-00	1
Tuning fork with pen	13289-00	1
Doppler source for TESS Acoustics	13289-30	1
Metal angle bracket for glass tube o.d. = 44 mm	13289-16	2
Lid for TESS box, plastic	15205-01	1
TESS box, plastics, high, 305 x 425 x 150 mm	15200-01	1

## Necessary accessories

Student set Acoustics 1, TESS advanced Physics	25289-88
Student set Acoustics 1, necessary accessories for 1 group, TESS advanced Physics	15289-77

## Recommended accessories

Carrying system for student experiment boxes	25200-00
Handbuch Schülerversuche Akustik, TESS advanced Physik, (in german)	13289-01