

**Product Name :**  
Measurement Of Sound Velocity

**Product Code :**  
ELABBATE008



## Description :

Measurement Of Sound Velocity

## Technical Specification :

**Measurement Of Sound Velocity Principle** In this experiment, the students determine the velocity of sound in air. For this purpose, they measure the difference in the propagation time of a sound signal of two spatially offset stereo loudspeakers with the "measure Acoustics" software. **Tasks** We all know that during a thunderstorm, sound propagates with a limited velocity. We see the flash of lightning but the thunder does not follow until several seconds later, depending on the distance. In this experiment, determine the velocity of sound in air with the aid of stereo loudspeakers and a microphone.

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