

Product Name :
Propagation Of Sound In Water

Product Code :
ELABBATE007



Description :

Propagation Of Sound In Water

Technical Specification :

Propagation Of Sound In Water Principle The aim of this experiment is to enable the students to find out that sound can also propagate in other media, e.g. liquids. For this purpose, they study the propagation of the sound of a tuning fork in a tube that can be filled with air or water. For comparison, the sound propagation via the tube itself (solid body) is also observed. The students learn that the quality of the sound propagation depends on the density of the transferring medium. **Tasks** Normally, we hear sound that is emitted by a source when it reaches our ear through the air. Examine in this experiment whether sound can also propagate in water. To do so, try to hear the sound of a tuning fork through the air as well as through water. Does the tuning fork sound different?