



**Material:**

Item Code	Qty	Description
DW100-1A	2	Tuning fork, 440 Hz, with resonance box
DW110-1A	1	Tuning fork mallet

# RESONANCE – TUNING FORK 1

AKD 05.01

## Goal:

Resonance can be used, for example, to make a tuning fork vibrate without touching it.

## Setup:

The two tuning forks on the resonance boxes are placed opposite each other so that the openings are facing each other.



## Experiment:

A tuning fork is struck and returned to its original position.



After a few seconds, this tuning fork is muted.



## Result:

The 2nd tuning fork oscillates with its natural frequency although it was not struck directly.