

Resonance tube for investigating Sound Waves no 2480.10

14.12.10

Ae 2480.10



This resonance tube gives many options for investigating Sound Waves:

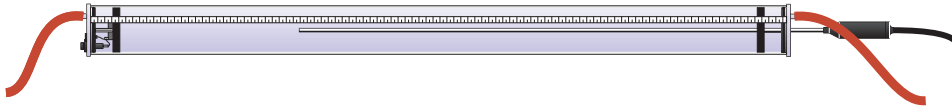
- Investigate Resonant States in a tube open in both ends, closed in both ends, or open in one end, and closed in the other.
- Investigate Resonant States in a tube closed in both ends, while a gas is fed through the tube.
- Investigate Resonant States in a tube open in one end, and closed in the other, while changing the length of the tube with the movable piston.

The tube consists of an acrylic tube, with two end-plugs. Both end-plugs contain a hoseconnector for feeding a gas through the tube, and one end-plug contains a speaker.

Dimensions: \varnothing : 7 cm, Length: 100 cm.



Resonant states in a tube closed in both ends.



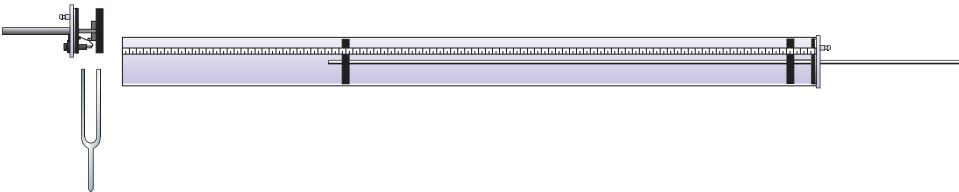
Resonant States in a tube closed in both ends, while CO₂ is fed through the tube.



Resonant States in a tube open in one end, and closed in the other.



Resonant States in a tube open in both ends.



Resonant States in a tube open in one end, and closed in the other, while changing the length of the tube with the movable piston. Sound comes from either the speaker or a tuning fork.

