

Experiment(s):

1. Determination of velocity of sound

(For more details, procedure & manual visit: www.kamaljeeth.net)

Reference : Lab Experiments Journal vol-13, No.1, Page-44

Experiment setup consists:

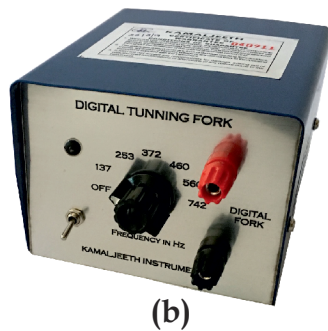
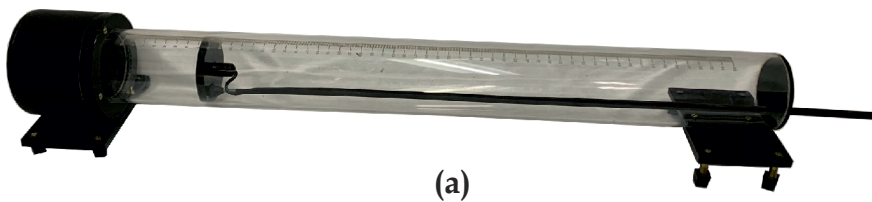
- a) Kuntz tube on base
- b) Digital tuning fork
- c) Relative sound intensity meter

Specifications:

a) Kuntz tube on base
Fixed Speaker and variable resonating column with microphone arrangement
Speaker and microphone frequency response: 20 Hz to 16 KHz
Tube length: 55 cm

b) Digital tuning fork
Alternate to manual tuning fork,
Frequency: Variable
Amplitude: Fixed
Output: fed to speaker, up to 85dB
Rated Input: 220 V/50 Hz
or 110 V/60 Hz
Power consumption: <30 W

c) Relative sound intensity meter
Input: From the microphone
Built-in Amplifier for conditioning microphone current
Output: Display of relative sound intensity



KAMALJEETH INSTRUMENTS

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3 years manufacturing warranty