



55728 Experimental Set Up has been designed specifically to determine velocity of sound in air by standing wave method using speaker, microphone and CRO. Practical experience on this set up carries great educative value for Science and Engineering Students.

OBJECT

- 01 To determine velocity of sound in air by standing wave method using speaker, microphone and CRO.

FEATURES

The Set up consists of the following :

- 01 Decade Audio Frequency Generator 20 Hz to 200 KHz Output 0-20V r.m.s.
- 02 Loud Speaker with baffle fitted in a box with two metre wire and 4mm Banana pins for connections.
- 03 Dynamic Microphone on stand with 4mm Banana Pin.
- 04 Weight : 8.2 Kg. (Approx.)
- 05 The unit is operative on 230V \pm 10% at 50Hz A.C. Mains.
- 06 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

OTHER APPARATUS REQUIRED:

- 01 Dual trace CRO
- 02 Large Board
- 03 Thermometer 0-100°C
- 04 Metre Scale.

Note: Specifications are subject to change.

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