



OMEGA TYPE ICT-911 Experimental Set Up has been designed specifically for determining the soil distance of any object or obstacle using Ultrasonic Sensor by the application of ultrasonic waves. The LCD panel directly displays measured distance. The set up is absolutely self contained and requires no other apparatus.

Practical experience on this set up carries great educative value for Science and Engineering Students.

OBJECT

1. To find the distance of any object or obstacle.
2. To study the nature and velocity of ultrasonic sound.

FEATURES

The board consists of the following:

1. 5 volt, 100 mA Power Supply.
2. LCD indicator for ON/OFF Power Supply.

3. Removable Atmega328 Microcontroller programmed and mounted on base.
4. 16*2 LCD for displaying measured distance
5. Ultrasonic Sensor module HC-SR04 mounted on the board.
6. Tactile Switch for resetting the value displayed in LCD.
- 07 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

- 08 Dimension : W 176 x H 131 x D 50mm
- 09 Weight : 200 gm (Approx)

OTHER APPARATUS REQUIRED:

- 01 CRO Omega Type CRO-20
- 02 Tape Scale.

We are committed to the continuous development of our products, and therefore reserve the right to amend specifications without prior notice.

OMEGA ELECTRONICS

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