52005 Ultrasonic digital distance meter has been designed specifically for measuring distances between 0.2 meters to 4 meters. After Processing the data from the ultrasonic sensor the measuring distance is shown on a 16x2 alphanumeric LCD.

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

Experiments
1. To measure unknown distance between 0.2 meters to 4 meters.

Features:
The unit consists of the following built in parts:
1. Ultrasonic HC-SR04 Module
2. Arduino Uno R3
3. 16*2 Alpha-Numeric LCD
4. Adequate no. of other electronic components
5. The unit is operative with 12v dc adaptor
6. The ultrasonic sensor's output can be seen on the Oscilloscope.
7. Good Quality, reliable terminal/socket are provided at appropriate places on panel for connections/observation of waveforms
8. Strongly supported by detailed Operating Instruction, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

Other Apparatus Required:
1. CRO
2. Tape Scale

Note: Specifications are subject to change.