



OMEGA TYPE ICT 929- Experimental set-up has been designed specifically to study the piezoelectric effect and observe the electrical response generated when mechanical stress is applied to the piezoelectric material. The setup allows hands-on learning of how mechanical energy is converted into electrical energy, offering valuable insight about the working of piezoelectric transducer. The practical experience on this set-up carries great educative value for Science and engineering students.

OBJECT 01: STUDY OF PIEZOELECTRIC TRANSDUCER

OBJECT 02: OBSERVATION OF SHOCK PULSE ON OSCILLOSCOPE

FEATURES:

The board consists of following built in parts

01. Piezo Electric Transducer (Sensor)
02. $\pm 12V$ D.C. at 100mA, I.C. regulated Power Supply internally connected.
03. Digital D.C. Voltmeter, $3\frac{1}{2}$ Digit ranges 0-20V.
04. Adequate no. of other electronic components.
05. Mains ON/OFF switch and fuse.
06. The unit is operative on $230V \pm 10\%$ at 50Hz A.C. Mains.
07. Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.
08. Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.
09. Weight: 2 Kg. (Approx.)
10. Dimension: W 340 x H 125 x D 210

LIST OF ACCESSORIES:-

01. BNC lead 1 meter with red and black Banana pin.....01

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

OMEGA ELECTRONICS