



OMEGA TYPE ICT-901 Instrumentation trainer has been designed specifically for to study Linear Variable Differential Transducer (L.V.D.T.). The board is absolutely self contained & require no other apparatus.

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

OBJECT

01 Study of Linear Variable Differential Transducer (L.V.D.T.)

FEATURES

The instrumentation trainer consists of the following

01 One board having the following built in parts.

- 1.1 $\pm 12V$ D.C. at 50mA I.C. regulated Power Supply for Sine wave Oscillator.
- 1.2 4KHz fixed Sine wave Oscillator having variable amplitude 0–10V (P–P).
- 1.3 Digital Panel meter $3\frac{1}{2}$ digits range 200mV.
- 1.4 Detector circuit with output adjustment pot.

02 Transducer : Linear variable differential transducer (L.V.D.T.).

- 2.1 Range : ± 20 mm. (Accuracy ± 1 mm, ± 1 Digit)
- 2.2 Moving action: 6 wires, spring loaded type axial.

03 Mains ON/OFF switch and fuse.

04 Adequate no. of patch cords stackable 4mm spring loaded plug length 50cm.

05 Good Quality, reliable terminal/sockets are provided at appropriate places on panel for connections/ observation of waveforms.

06 Strongly supported by detailed Operating Instructions, giving details of Object, Theory, Design procedures, Report Suggestions and Book References.

07 Weight : 4 Kg. (Approx)

08 Dimension : W 415 x H 165 x D 315 (mm)

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

OMEGA ELECTRONICS