Features:

LVDT Displacement measurement system demonstrates the principle and working of the specialized dedicated transducer known as "Linear Variable Differential Transformer (LVDT)" and also shown is one of its unique application to measure linear physical displacement. A special micrometre arrangement to vary the displacement accurately, a variable excitation source, electronic instrumentation and digital readout all enclosed in a specially designed users friendly elegant powder coated metal cabinet with intelligently designed layout on imported acrylic front panel, are some of its other important features.

Technical Specifications:

Parameter Measured	:	Linear Physical Displacement. Measurement System : a. Micro meter. b. Transducer with electronic instrumentation.
Transducer	:	Linear Variable Differential Transformer (LVDT) based linear displacement.
Type	:	Spring loaded core type. Configuration: Axial type.
LVDT Full Stroke	:	+ 10 mm range.
Actual Displacement	:	By Micro meter arrangement.
Pitch: 1 mm. Circuit	:	AC Excitations Source, Phase detector & digital display.
Excitation Source	:	Sine wave of 2 KHz to 5 KHz variable frequency and 0 to 3V variable amplitude.
Readout	:	3.5digit digital display to measure 0 to 200 mV DC, indicating displacement in millivolts with core in / out indicated by + sign.
Operating Voltage	:	230V, + 10 % AC 1 f. Test Points : Multicoloured test points are provided at various stages in the circuit to observe the waveforms and voltages

Note: Specifications are subject to change.

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