

**SAP E & C DISPLACEMENT MEASUREMENT MOTORIZED BED USING LVDT  
(PRODUCT CODE: SAP – 97)**



The **DISPLACEMENT MEASUREMENT MOTORIZED BED USING LVDT (Product Code: SAP - 97)** outlines the basics of Displacement measurement using LVDT.

**Features:**

- Compact Ergonomic Design.
- User Friendly, Self Explanatory System.
- Robust Construction.
- Enhanced electrical Safety considerations.
- Training Manual for Operation Ease.
- Inbuilt safety Measures to avoid improper usage.

**DISPLACEMENT MEASUREMENT MOTORIZED BED USING LVDT (SAP-97)**

**System Specifications-**

- ❖ Range:  $\pm 5 \text{ mm} / \pm 20 \text{ mm} / \pm 10 \text{ mm}$
- ❖ Accuracy:  $\pm 0.5\%$
- ❖ Resolution: 0.1 mm.
- ❖ 3 ½ digit display.
- ❖ Supply: 230VAC
- ❖ Test points provided to observe wave forms on CRO (CRO not in scope of supply).
- ❖ Micrometer provided for mechanical displacement measurement
- ❖ Stepper motor of torque 1 Kg/cm<sup>2</sup> is coupled with micrometer for step wise rotation in both Clockwise and Anti-Clockwise direction.

**Range of Experiments-**

- ❖ Study of Displacement Measurement using LVDT setup.

**Services Required-**

- ❖ Electric supply: 1 $\phi$ 230 V AC, 50 Hz.

**Note-**

All descriptive matter and illustrations are intended to give only a general idea of the equipment Detailed specifications may be altered at the company's discretion without any notice

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