



The **Displacement Measurement Motorized Bed Using LVDT** (52395) 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.

#### System Specifications

- Range:  $\pm 5$  mm /  $\pm 20$  mm /  $\pm 10$  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.

#### Experiments

- Study of Displacement Measurement using LVDT setup.

#### Services Required

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

Note: Specifications are subject to change.

#### **Tesca Technologies Pvt. Ltd.**

IT-2013, Ramchandrapura Industrial Area, Sitapura Extension,  
Near Bombay Hospital, Vidhani Circle, Jaipur-302022, Rajasthan, India,  
Tel: +91-141-2771791 / 2771792; Email: info@tesca.in, tesca.technologies@gmail.com  
Website: www.tescaglobal.com