



THE LAB EQUIPMENT

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**Product Name :**

Digital Torsion Testing Machine

**Product Code :**

SLE/CE/110



## Description :

- Torque measurement by torque cell.
- One range with a high resolution throughout the range.
- Facility for connecting the DAS Panel to PC.
- Measurement of Angle of Twist by Rotary Encoder.
- Geared motor to apply the torque to specimen through gear box.
- Display of Torque and Angle of twist on LCD display provided on Data Acquisition System.
- Accuracy of torque measurement  $\pm 1\%$  in the range from 4% to 100% of machine capacity.

## Features:

- **Max. torque capacity (Nm):** 100, 200, 500, 1000, 2000
- **Torque Resolution (Nm):** 0.01, 0.02, 0.05, 0.1, 0.2
- **Angle of twist (Degree):** 0.1
- **Torsion speed and direction:** 1.5 RPM Reverse
- **Distance between grips (mm):** 0 – 400, 0 – 450, 0 – 500, 0 – 600, 0 – 1000
- **Grips for round bar of dia (mm):** 4 - 50
- **Grips for flat bars thickness Width:** 2 - 60
- **Power supply:** 3 Ph, 440V, 50 Hz, AC Motor HP(Approx)

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