

**VERTEX SCIENTIFIC & LAB INSTRUMENTS CO.**

(Regd.) : 38/A, Street No.3 Ambedkar Nagar, Haider Pur, Delhi-110088(India)

(Corp.): A223, Ground Floor, Near by Bank of Baroda ATM, Karam Pura Delhi-110015

(Tel.) +91-9999 5737 81 / +91-9999 5737 85 (Email) info@vertexinstruments.com

(Web) www.vertexinstruments.com / www.vertexscientific.com / www.soiltestinginstrument.com



**DIGITAL TORSION TESTING MACHINE 100 NM**



**MAKE: VERTEX | MODEL: VSLIC-TTE.100 | MAKE IN INDIA**

**Specifications:**

Suitable for torsion and twist tests on various metal rods and flats. Torsion measurement by torque cell. One range with high resolution throughout the range. Geared motor to apply the torque to specimen through gear box. Measurement of angle of twist by rotary encoder. Display of torque and angle of twist on LCD display provided on data acquisition system, Facility for connecting the DAS panel to PC.

Accuracy of torque measurement +/- 1% in the range from 4% to 100% of machine capacity.

Provision to conduct test slowly by a handle facilitates finding modulus of rigidity

**M/s Vertex Scientific & Lab Instruments Co.**

  
**Authorised Signatory**

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### Technical specifications:

1. Max. torque capacity (Nm)	:	100
2. Torque Resolution (Nm)	:	0.01
3. Angle of Twist (Degree)	:	0.1
4. Torsion speed and direction	:	1.5 RPM Reverse
5. Distance between grips (mm)	:	0-400
6. Grips for round bar of dia (mm)	:	4-8, 8-12
7. Grips for flat bars	:	2-8
8. thickness width(mm)	:	25
9. Three phases	:	440 V, 50 Hz
10. Motor HP	:	0.5

**(Supply, Installation & Training)**

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SCIENTIFIC & LAB INSTRUMENTS CO.

**Authorised Signatory**

Accurate, Reliable & Extraordinary Testing Solutions