



Email : sales@laboratoryinstrumentindia.com

**Product Name :**  
Torsion Tester

**Product Code :**  
LBNY-0005-101000112



www.laboratoryinstrumentindia.com

**Description :**

Experimental unit for testing metal torsion test bars under load until fracture  
Strain Gauge Measuring Shaft With Compensation For Own Deformation  
Measurement Of Angle Of Twist Using Incremental Encoder  
Measuring Device Slidable To Fit Various Specimen Lengths  
Test Torque Measuring Using Strain Gauge Measuring Shaft And Measuring Amplifier  
Electronic Measuring Amplifier With Touch Panel To Display Torque And Angle Of Twist  
Specimen holders: 2x 17mm hex socket  
Test Torque Manually Applied Using Handwheel And Worm Gear  
Definition Of Input Angle Via Hand Wheel.

**Technical Specification :**

**Technical Data:**

Short Specimens  
Length: 75mm  
Diameter: 6mm  
4x steel, 4x aluminium, 4x brass  
Worm Gear  
Transmission ratio: 1:63  
Measuring Ranges  
Torque: 0...30,0nm  
Angle of twist: 0...+/-3200°, resolution: 0,1°  
Long Specimens

---

Length: 2x 175mm, 2x 350mm, 2x 700mm  
Diameter: 6mm  
Steel.



**Laboratory Instrument India**