



Email : sales@laboratoryinstrumentindia.com

Product Name :
Torsion Testing Machine (200Nm)

Product Code :
LBNY-0005-1760007



Description :

The apparatus can cater for test specimens of up to 300mm which are inserted between the fixed gearbox and the movable torsion head. Standard hexagon drives are used for transmitting the torque. At the other end of the base frame a Torsion Testing Machine head measures the torsion being applied. The Torsion Testing Machine from the specimen is fed directly into the Data Acquisition Interface supplied using strain-gauging technology. A sturdy bench top mounted unit for Torsion Testing Machine of varying material test specimens to failure/destruction. Using a speed controlled electric motor torque is applied through the drive gearboxes rigidly attached at one end of the base frame. This Data Acquisition Interface display reads directly in Newton metres (Nm). A set of test specimens is supplied as standard. The Data Acquisition software is supplied for capturing the Torsion Testing Machine and allows further manipulation and editing to take place.

Experimental Capabilities:

Torsional testing of different materials, loading up to specimen fracture
Torsional loading to failure of varying material specimens
Comparison between actual and theoretical results

Technical Specification :

Using a speed controlled electric motor torque is applied through the drive gearboxes rigidly attached at one end of the base frame.
A sturdy bench top mounted unit for Torsion Testing Machine of varying material test specimens to failure/destruction.



Laboratory Instrument India