



Experiments:

- Determination of the torsional stiffness of a torsion bar
- Determination of the mass moment of inertia
- Decay behavior of torsional vibration system
- Determination of the damping of torsional vibration
- Understanding the resonance by forced torsional vibration
- Torsional vibration systems with several weights, two mass torsional
- Vibrator, three mass torsional vibrator

Specifications:

- Experimental unit for investigating torsional vibration and torsional stiffness
- Frame made of Anodized Aluminum Profiled Structure
- Stainless Steel torsion bar, corrosion-resistant
- 3 mass discs made of Stainless Steel
- 4 ball bearing mounted bearing units with chucks, the bearing units can be positioned any place along the length of the shaft
- Oil damper for study the influence damping
- Motorized exciter with drive crank, excitation amplitudes 1.4°, 1.6°, 2.4°
- 4 angle of rotation sensors.
- Servo Exciter control unit with digital frequency display and supply for the shaft encoders
- Shaft encoders

Note: Specifications are subject to change, Photos shown above are Indicative, Actual Product can Vary.



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