

Product Name :
Astra Scientific Torque Measurement Trainer

Product Code :
MeasurementLabs0014



Description :

Astra Scientific Torque Measurement Trainer

Technical Specification :

The Torque Measurement Trainer comprises of strain gauge based reaction type torque transducer, fulcrum arm of 1 M length with L angle to mount the sensor, Pan & weights with digital torque indicator to read the torque in Kg-m

A torque sensor or transducer converts torque into an electrical signal. The most common transducer is a strain gauge that converts torque into a change in electrical resistance. ... The sensor's output is a function of force and distance, and is usually expressed in inch-pounds, foot-pounds or Newton-meters.

FEATURES:

- This is embedded in the sensor and receives and conditions the input signal.
- It provides scaling.
- It provides filtering.
- It offers a variety of outputs, compatible with various data acquisition systems.

SPECIFICATION:

- Torque Cell

Reaction type. Strain gauge based. 1 Kg-M Capacity.

- Indicator

3½ digits to read upto ± 1999 counts.

- Bridge Excitation

10V DC

- Resolution

0.01 Kg-M

- Accessories

Fulcrum arm (IM), Pan, 100gX10 No. Dead Weights,

- Power required for operation

230V, 50Hz, 1 phase

230V, 60Hz, 1 phase



Astra Scientific

www.astrascientific.com, Email: info@astrascientific.com

Address: K-88, 20th Street, Annanagar, Chennai, India – 600040 **Phone:** +91-8860605265