

Email :
sales@schooleducationalinstruments.com
Phone: +91-0171-2601773

Product Name :
Load Measurement Trainer

Product Code :
SCHOOL-MES880009



Description :

Load Measurement Trainer

Technical Specification :

FEATURES:

The main features of the strain indicator are front panel Strain Gauge Bridge balancing with the help of potentiometer.

The whole system is self-contained with all accessories included.

The instrument is enclosed in a tapered fiberglass box and all necessary test points are brought out with schematic circuitry for understanding the working of the instrument.

SPECIFICATION:

LOAD CELL :

SENSOR: Strain gauges bonded on steel member for load measurement.

TYPE: Compression.

STRAIN GAUGE RESISTANCE: 350 ohms \pm 2%

LOADING: 1 Kg.

CONNECTION: Through four core shielded cable attached to the load cell.

EXCITATION: 10V DC

ACCURACY: 1%

LINEARITY: 1%

OVER LOAD: 125 %

INDICATOR:

DISPLAY: 3.5 digit seven segment LED display is used for the indicator of 200 mV full-scale deflection to read '+/- 19.99'.

EXCITATION: 10 V DC

ACCURACY: 1%

TARE: Front panel Zero adjustment through Potentiometer.

CALIBRATION: 1.00 Kg Load.

Power required for operation

230V, 50Hz, 1 phase

230V, 60Hz, 1 phase

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Website: [www.https://www.schooleducationalinstruments.com/](https://www.schooleducationalinstruments.com/), **Email:** sales@schooleducationalinstruments.com

Address: Ambala Cantt, Haryana, India **Phone:** 91-0171-2643080