

Product Name :
Load Measurement Trainer

Product Code :
CHINAELABC2550009



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



Engineering Lab China