Product name:	Product code:
Measurement Of Strain Using Strain Gauge	ELC-ICE-0001



Description

Measurement Of Strain Using Strain Gauge

Technical specification

Measurement Of Strain Using Strain Gauge Lab Equipments Manufacturer, Suppliers & Exporters Measurement Of Strain Using Strain Gauge Parameter Measured : Strain in terms of Kilograms on a cantilever beam. Measurement System : a] Weights b] Transducer with electronic instrumentation. Transducer : Temperature compensated strain gauge. Type : Cu-Ni foil with polyamide carrier base. Gauge Resistance : 350 Ohms (Nominal). Gauge Length : 6mm. Gauge Width : 2.4 mm. Gauge Base : 12.5 mm x 4.3 mm. Gauge Factor : 2:1 (approx.) Transducer : Strain gauges mounted on a stainless steel Measurement cantilever beam. Configuration : Bridge with two arms as strain gauges (Wheatstones Bridge principle). Range : 10 Kilograms. Actual Strain : By various weights to be placed in a pan fixed with the beam. Excitation Source : DC Regulated source. Tare Adjustment : Zero adjustment by a ten turn potentiometer. Readout : 3.5 digit digital display to indicate strain in kilograms. Test Points : Multicoloured test points are provided at various stages in the circuit to observe waveforms and voltages. Indicator : Mains ON/OFF. Power Requirements Standard Accessories : Detailed Instruction Manual.

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