

Product Name :
Strain Gauge AS Cantilever Beam Transducer Trainer

Product Code :
NLAB-ELECTRONICSAB110012



Description :

Strain Gauge AS Cantilever Beam Transducer Trainer

Technical Specification :

SCOPE OF LEARNING:

Study of Strain Measurement using Cantilever Beam

ECHNICAL SPECIFICATIONS:

Power Supplies:

DC Dual Power Supply IC Regulated +5V DC, 150mA.

Operated on Mains power 230V, 50Hz +10%

Digital Meters:

Voltmeter 200mV (Weights in mV)

Components are mounted on the panels are:

Resistors

Capacitors

IC AD620

Variable Resistor For Gain and Zero Setting

Bridge Circuit on Board.

Differential Amplifier With Feedback

Lead Compensation System

O/P Provided On Test Points for Monitoring & Controlling.

Weight Box for Weight Measurement.

Load cell With Cantilever Beam Sensor Mounted on External Base with Output Carrying out through 9 Pin D Connector

SALIENT FEATURES:

Front panel built with high class insulated Printed Circuit Board sheet with well printed circuits and symbols.

Instruction manual.

Connections are brought out through 2mm Colored Sockets.

Patch Cords 2mm.

The trainer is housed in ABS Plastic cabinet.

Size of the trainer set 12"x8"

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