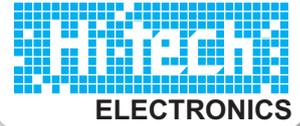


Strain guage Measurement

A Friend in Need



Specifications:-

Strain gage :-

Bridge	:- 350W
Gage factor	:- 2.1
Excitation Voltage	:- 5VDC @
30mA Linearity	:- 0.1%
Accuracy	:- 0.1%

Digital Indicator:-

Display	:- 3 ½ digit red led 13mm height
Accuracy	:- 0.5% +/- 2 digits
Resolution	:- 0.01Kg
Range	:- 0 to 5Kgf or 0 to 500mstrains

Weights:-

Assorted	:-2kg -1nos.
	:-1kg -2nos
	:-500gms -2nos.
	:-100gms -5nos.

List of Experiments

Find stress generated on cantilever beam

Measure Strain gauge output connected in Wheatstone bridge

Study of variation of Excitation Voltages

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