

Product Code . JL-MI-4919

2 Channel Digital Strain Meter



Description

2-Channel Digital Strain Meter

Low power consumption allows at least 8 hours use.

To measure the frequency and amplitude of dynamic actions.

Dynamic strain output on one channel Expandable to 18 inputs.

The instrument is mains operated with a rechargeable Ni-MH battery so it can be used for field work away from a power source.

Services Required; 12 V Electrical supply for running on line or charging battery pack, Single Phase 100 / 240 V AC - 50 / 60 Hz.

Description The strain gauge meter is a rugged direct reading instrument capable of measuring up to 20,000 micro strain with a resolution of 1 digit.

It has two channels and can be used with any standard foil gauges in Half or Full Bridge circuits and either 1, 2 or 4 active gauges including gauges on force transducers.

Both channels have DC excitation for static work, while one can alternatively provides an analogue output for dynamic work up to at least 10 Hz.

By adding the 16 Channel Expansion Unit the meter becomes an 18 channel unit but still with individual calibration and Tare on each channel automatically called up when the channels are selected.

Applications Energizing electrical resistance strain gauges in all configurations and analysing the bridge output for direct read-out on a digital meter.

Features Self contained portable meter Direct reading of strain or force 5 digit Liquid Crystal Display, (LCD), indicates 20,000 micro strain or Newtons x 1 N Half or Full Bridge operation with 1, 2 or 4 active gauges.

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