



## ORDERING

ITEM	PART #
QB120 Resistance Strain Gauge Readout	ELTM-QB120

	<b>PRODUCT CATEGORY:</b>
	READOUTS + DATA LOGGERS

# QB120 - Resistance Strain Gauge Readout

The QB120 Resistance Strain Gauge Readout reads, displays, and logs 1/4 bridge strain gauges. It is also the intended readout for the TENSMEG - Tension Measuring Gauge.

Unprecedented accuracy, flexible memory options and ease of use make the QB120 invaluable for projects requiring 1/4 bridge strain gauge monitoring. Maximum download time is only 15 seconds.

Complementing its high level of accuracy, the QB120 is also designed for maximum efficiency with the user in mind. In addition to the simple power requirements of only 3 "AA" batteries, the QB120 comes well-equipped with standard features such as a large graphics display with backlight.

## > APPLICATIONS

Reads, displays, and logs 1/4 bridge strain gauges.

## > FEATURES

Large graphics display with a convenient backlight.

Durable, compact design for excellent portability and field use.

Readings in  $\mu\epsilon$  or engineering units.

Field-replaceable "AA" alkaline batteries eliminate the need for a large, bulky 12 V battery and charger.

Stores up to 254 instrument locations per route, each with a text label, calibration constants, previous data, and up to 10,900 time/date stamped data points.

Data transfer to a host computer via USB in a compatible file format for Microsoft Excel® and other spreadsheets. User friendly host software for Microsoft Windows® included.

## > BENEFITS

✓ **High Reliability**

✓ **High Accuracy**

## SPECIFICATIONS

DESCRIPTION	SPECIFICATION
Resolution	0.04 $\mu\epsilon$
Display	Graphic 128 x 64 pixels large character display
Display Backlight	High efficiency LCD with auto off
Max Instrument Locations	254
Memory Capacity	10,900 custom labelled points
Location Identification String	Up to 20 characters
Download Speed	15 seconds (full memory)
Battery	3 "AA" alkaline
Battery Indicator	On-screen, low battery indicator
Operating Temperature	-20°C to 60°C
Dimensions	W 22 cm x D 19 cm x H 9.5 cm (8.75 x 7.5 x 3.75in.)
Weight	1.1 kg (2.4 lbs)