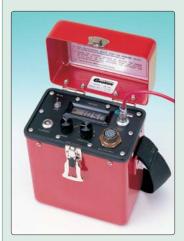
## Linear Potentiometer Readout

## **Applications**

The Model RB-100 Linear Potentiometer Readout is designed to read...

GEOKON® Model 1500
Linear Potentiometers



• Model RB-100 Linear Potentiometer Readout.



Close-up of Model RB-100 Linear Potentiometer Readout.

## **Operating Principle**

The Model RB-100 Linear Potentiometer Readout is designed to read the range of **GEOKON** Model 1500 Linear Potentiometers.

The unit utilizes a high resolution, 4.5 digit LCD digital voltmeter with circuitry to power and read out the potentiometers. A three wire ratio-metric system is used to minimize errors caused by long lead lengths and varying temperatures. In use, a regulated voltage is applied to the ends of the potentiometer resistance element and the position of a wiper that rides along the element can be determined by the voltage measured at this point.

## **Technical Specifications**

Input Range	2, 4, or 6 in
Resolution <sup>1</sup>	±0.001 in
Accuracy	±1.0% F.S.
Temperature Range	0 °C to +50 °C
$L \times W \times H$	102 × 165 × 232 mm

The RB-100 is available in English measure only.







