

### Model RB-100 Linear Potentiometer Readout Box

The Model RB-100 Linear Potentiometer Readout Box is designed to read Geokon's range of 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. Accuracies of 0.1% of full scale can be achieved using Geokon transducers.



### Specifications

Input Range	2, 4 or 6 in
Resolution <sup>1</sup>	±0.001 in
Accuracy	0.1% F.S.
Temperature Range	0°C to +50°C
L × W × H	100 × 165 × 215 mm

<sup>1</sup>The RB-100 is available in English measure only.