

RWE readout resistance wire extensometer readout



Features

- re-chargeable battery
- digital display
- supplied with carry case and battery charger

Applications

Model RWE6001 is a hand-held digital readout unit specifically designed and built for reading the precision Resistance Wire Extensometer (RWE). The RWE is used in the following applications:

- Underground hard rock; pillar, stope, roof & wall displacement measurement
- Displacements across construction joints in concrete
- displacements of natural and cut slopes
- Displacements of retaining walls, bridges,

Technical Specifications

Digital Display	Four Channels
Output in mm	DB 25 connector
Resolution	1uV
Range	± 19,999 uV
Housing	IP67 rates, glass re-inforced polyester 195 x 100 x 43 mm
Operating Temperature Range	5° to 60°C
Gauge Resistance	120 ohms
Circuit Configuration	Quarter and full wheatstone bridge
Operating Voltage	Nominal 12 volts DC voltage regulated

Operating Principal

A hand-held readout to measure microstrain. Designed for use with quarter of full Wheatstone bridge circuit.

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