

RWE Readout

RESISTANCE WIRE EXTENSOMETER READOUT

FEATURES

- Rechargeable 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, piers & abutments

LOGGERS / RECORDERS



TECHNICAL SPECIFICATIONS

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

OPERATING PRINCIPLE

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

