

# 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



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solutions

## TECHNICAL SPECIFICATIONS

<b>Digital Display:</b>	Four Channels
<b>Output in mm:</b>	DB 25 connector
<b>Resolution:</b>	1 $\mu$ V
<b>Range:</b>	$\pm$ 19,999 $\mu$ V
<b>Housing:</b>	IP67 rates, glass re-inforced polyester 195 x 100 x 43 mm
<b>Operating Temperature Range:</b>	5°-60°C
<b>Gauge Resistance:</b>	120 ohms
<b>Circuit Configuration:</b>	Quarter and full wheatstone bridge
<b>Operation Voltage:</b>	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.