

Geosense Single Channel

EXTENSOMETER & CRACKMETER READOUT

FEATURES

- Extremely simple to operate
- Quick connect terminals
- Operates on a small internally mounted rechargeable battery
- Long life battery 12V 2.2AH
- Internally mounted charger
- Easy to read LCD with output in millimetres
- Robust reinforced ABS resin enclosure
- IP67 rated
- Complete with easy to carry handle
- Low power consumption
- Single Channel Device

APPLICATIONS

The Geosense readout unit is a portable device used to read all types of potentiometer based sensors.

It is designed to measure in millimetres and is particularly useful with ES&S or Geosystems displacement monitoring range.

Typical applications include measuring deformation around tunnels, mines and other underground excavations. The extensometers or crack meters are commonly installed in natural or cut slopes to monitor slope stability and can even detect settlement when installed appropriately.

LOGGERS / RECORDERS



Civil projects, such as dams and embankments also utilise extensometers to monitor deformation, displacement of structures and displacement across construction joints in concrete. Displacements in retaining walls, bridge piers and abutments can be monitored using extensometers.

TECHNICAL SPECIFICATIONS

Size:	250mm x 230mm x 120mm
Weight:	1.5kg
Range:	0-150mm
Sensitivity:	0.1mm
Material:	Fibre Glass ABS Resin
Battery:	12V
Battery Life:	Weeks - Months
Sensor excitation:	12V
Display:	LCD Display

