

# MAGNETIC EXTENSOMETER METHODOLOGY

## MODEL 4700

MS4700-01

The Geotechnical Systems Australia Pty Ltd [Magnetic Extensometer](#) provides a physical means of measuring the settlements occurring in foundations and embankments.

## MANUFACTURE AND SUPPLY

Geotechnical Systems manufacture the Magnetic Extensometer. Extensometers are held in stock in component form, they are built to suit the client's requirement when the order is placed. Should the order be in excess of our standard stock level then Geotechnical Systems will prepare an acceptable schedule of deliveries in consultation with the client to suit the construction program. Extensometers are supplied by nominated courier or delivered to site by Geotechnical Systems staff. Geotechnical Systems is a Quality Endorsed Company conforming to AS/NZS ISO 9002:1994 and AS/NZS ISO 9001:2000.

## INSTALLATION

### Borehole

The borehole size should be established prior to ordering to ensure the correct fit. Holes should be free of debris prior to installation.

### Installation

The installation of Magnetic Extensometers should be carried out in accordance with the Model 4700 Magnetic Extensometer Installation Manual.

### Protection

Once the installation of the Magnetic Extensometer is complete the hole may be protected using a Model 8012 Well Cover and mass concrete surround.

## COMMISSIONING

Geotechnical Systems will commission instrumentation in the presence of the client's representative. Training will be given in the use of the equipment as required. A record of all installation data will be kept and provided to the client after commissioning is complete.

## WARRANTY

All Geotechnical Systems products are warranted for a period of 3 months from date of supply.



**Quality  
Endorsed  
Company**

ISO 9002 Lic 4022  
Standards Australia

**GEO***TECHNICAL SYSTEMS AUSTRALIA PTY. LTD.*

Specialists in Geotechnical Instrumentation

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