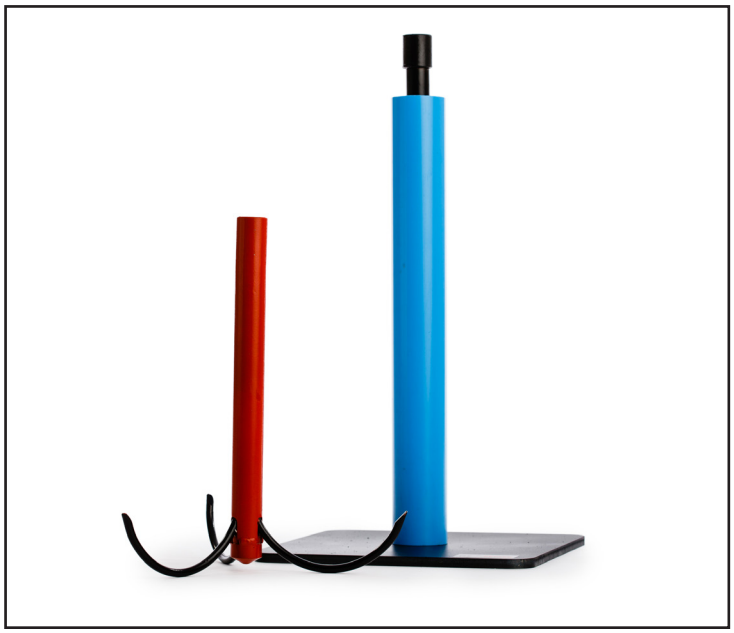
DATASHEET

Rod Settlement System GEO-XR

Geosense® GEO-XR single point rod settlement system is used to monitor sub-surface settlement or heave of ground

Rod Settlement System GEO-XR

Overview



Geosense® GEO-XR single point rod settlement system is used to monitor sub-surface settlement or heave of ground.

The system comprises a series of inner steel rods and plastic outer sleeves together with plates when positioned on ground before fill or Borros type anchors when used in boreholes.

The inner steel rod is made from heavy duty 1metre lengths of 25mm outside diameter with a 3/4" BSPM thread with external socket.

The outer plastic sleeves in 1metre lengths can be 60mm (2") or 165 mm (6") diameter with flush threads so that the inner and outer rod can be extended together.

A circular or square thick steel plate with a 3/4" BSPF socket welded onto it allows the datum plate to be placed and the first inner rod connected. Outer sleeves are placed over the steel rods as filling occurs.

APPLICATIONS

- Embankments
- Pre-loads
- Deep excavations

FEATURES

- Simple to install & use
- Low cost

Rod Settlement System GEO-XR

Specifications

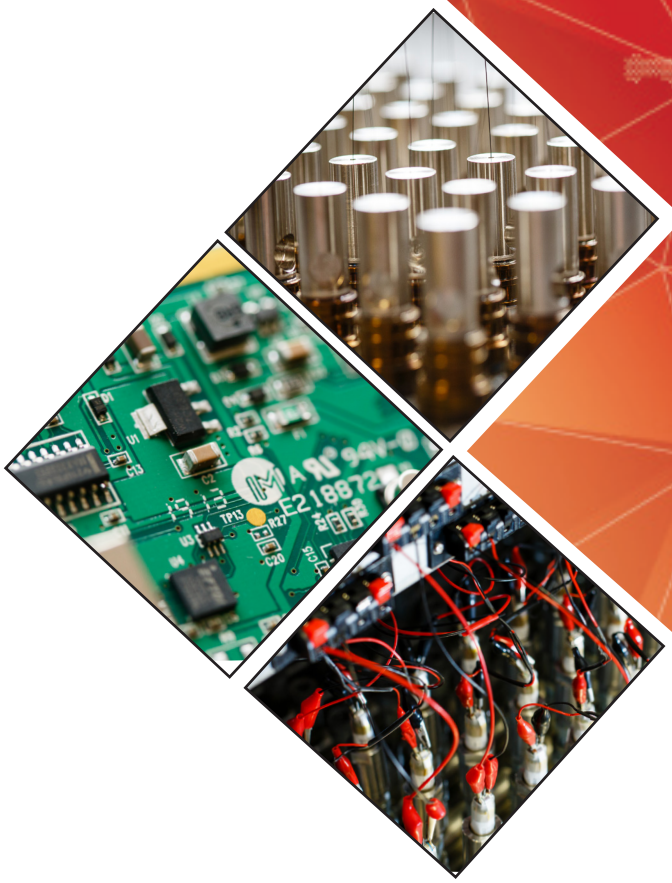
RODS/SLEEVES

Steel rod OD	25, 33mm
Steel rod ID	19, 25mm
Steel rod connection	3/4", 1" BSPF/M
Steel rod length	1 metre
PVC sleeve OD	60, 165mm
PVC sleeve ID	52, 150mm
PVC sleeve connection	Flush thread
PVC sleeve length	1 metre

BASE PLATES

Material*	Mild steel
Standard Dimensions**	300 x 300mm square
Standard Plate thickness**	10mm
Weight	7.1kg

* Other materials available on request
** Other sizes, shapes and thicknesses available on request



GEOSENSE

HEAD OFFICE

Nova House
Rougham Industrial Estate
Rougham, Bury St Edmunds
Suffolk IP30 9ND
England

+44 (0)1359 270457
sales@geosense.com
support@geosense.com

NORTH AMERICA OFFICE

15 West 38th Street
Suite 632
New York
NY 10018

+1 518-920-3483
sales@geosense.com
support@geosense.com

www.geosense.com

V1.5 10/2024