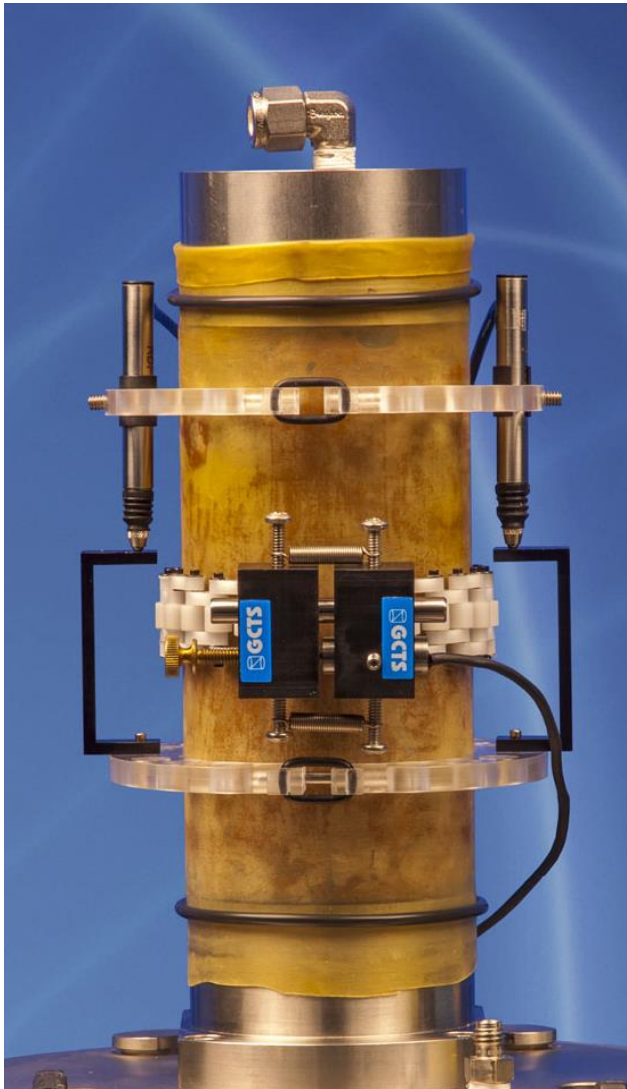


Soil Axial Deformation Device (DEF-6100-AXC)



DEF-6100 device shown with optional DEF-SRCP*

- Made of acrylic with lightening holes for minimum mass
- Can be used for Uniaxial or Triaxial testing
- Measures axial strains directly on specimen
- Very easy to setup and use.
- Meets NCHRP requirements

DESCRIPTION

The GCTS Soil Deformation Device measures axial strain directly on the specimen providing accurate results. The device consists of an upper and lower support rings machined with a low weight, high strength design. The GCTS Soil Deformation Device is available in standard sizes and also in custom sizes.

The DEF-6100-AXC Internal Axial Measurement Device includes two axial LVDT holder rings, soft-tipped and can be used with submersible or standard LVDTs (used with non-conductive media only).

The Transducer supports are split in two halves, clamped using rubber bands and guided in order to prevent rotation or “folding” of the two halves while allowing for lateral expansion. For soft specimens, the clamps can be set onto the top and bottom platen to prevent damage to the specimen.

SPECIFICATIONS

Part No.	Specimen Diameter
DEF-6100-AXC-071:	71 mm
DEF-6100-AXC-100:	100 mm
DEF-6100-AXC-150:	150 mm

- Standard available sizes include: 71 mm, 100mm, and 150 mm diameter specimens (other sizes available as an option)
- Horizontally guided to prevent rotation

*Note: LVDT sensors and DEF-SRCP Circumferential Measurement device for radial strains are sold separately