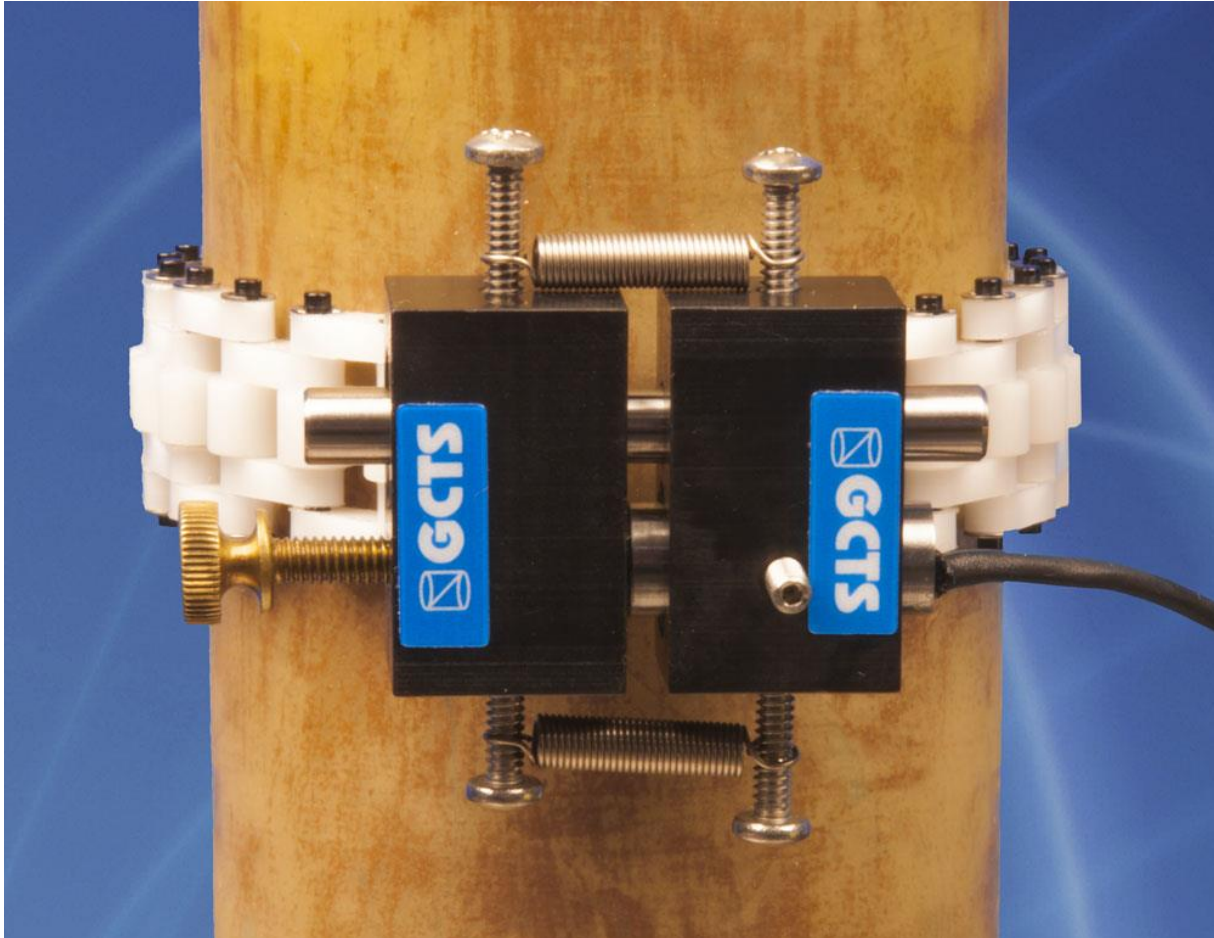


Soil Circumferential Deformation Device (DEF-SRCP)



- Measures average radial strains.
- 2,000 kPa water service
- Accommodates specimens with an initial diameter from 35 mm to 75 mm.
- Made of lightweight materials for minimum mass
- Can be used for uniaxial or triaxial testing.
- Includes non-contacting sensor
- Very easy to setup and use

DESCRIPTION

The GCTS soil circumferential deformation device measures the average change in circumference directly on the specimen providing accurate results. The device consists of a circumferential roller assembly made anodized aluminum links and Teflon rollers to ensure smooth displacements. This material combination has a small mass and high stiffness to minimize device compliance. The DEF-SRCP includes an integrated submersible proximity sensor with 5 mm range. The standard DEF-SRCP can be configured to accommodate

specimens with an initial diameter from 35 mm to 75 mm by adding or removing assembly links. Additional links can be purchased to accommodate specimens with up to 150 mm in diameter. For larger specimens diameters we recommend to use the GCTS DEF-SRCP-60 (see Large Scale Deformation Device catalogue).

SPECIFICATIONS

Resolution:	0.2 μ m
Deformation range:	5 mm
Maximum pressure:	2,000 kPa
Media	Water / oil
Excitation:	5 VDC
Output:	0-5 VC

SHIPPING

Weight:	2 kg.
Dimensions:	15 x 15 x 10