



Tape-X

GA –TX Model V.1.01

Digital Tape Extensometer

20 m Capacity



OVERVIEW

Digital tape extensometers are used for measuring the relative displacement between two fixed points in space. Fundamentally, displacement values are recorded by stretching a device having steel tape coupled with a digital comparator between anchored fixities. Tape extensometers are frequently used for monitoring the displacement behavior of a various range of structures; including but not limited to convergence of circular or near circular tunnel openings, displacements in shafts and mine galleries, slopes, viaduct and bridge piers.

FEATURES

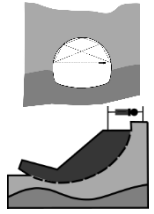
- High Quality Digital Comparator with 0.01 mm Resolution.
- Compact, Durable, Strong and Lightweight Enclosure.
- Adjustable Pre-Tensioning System with Optical Reference Marker.
- Integrated Thermistor to Account for Thermal Effects on Steel Tape.

Technical Specifications

Measuring Range	20 m
Resolution of Digital Comparator	0.01 mm
Repeatability	-/+0.1 mm
Steel Tape Punch Hole Interval	25 mm
Material	Steel
Weight	1905 g (Calibration Frame: 8 kg)
Dimensions	67 x 22 x 14 mm
Accessories	Carrying Case, Anchor Hooks, Spare Battery for Thermistor

Application Fields

- Tunnels.
- Deep Excavations.
- Slopes.
- Super-Structures.



Ordering Details

- Calibration / Pretensioning Reference Frame.
- Spare Steel Tape (20 m)
- Please contact further for steel tape requirements of different length.
- Spare Anchors and Mounting Accessories.

