

Tape Extensometer and Optical Targets



Tape extensometer is designed to take accurate distance measurements between pairs of reference points permanently installed.

Tape extensometer is equipped with stainless steel measuring tape with equally spaced punched holes incorporated in a rugged body with digital dial gauge. Available with both hook or 3/8" threaded terminals (to be specified at order).

Typical applications include convergence measurements of tunnel linings, according to NATM practice, and monitoring of shafts, underground openings and caverns.

Main technical characteristics:

- Tape lengths: 20m, 30m
- Material: Stainless steel
- Hole pitch: 25mm

- Dial gauge accuracy $\pm 0.01\text{mm}$
- Dial gauge resolution 0.01mm
- Dial gauge repeatability 0.1mm
- Operating Temperature: -10 to 60°C
- Tape Tension: 11kg