

Description

SJ-8500 is used to measure tunnel crown and cross section absolute settlement realize cross section balance and displacement convergence and surrounding ground behavior to estimate area of adjact ground loosening. It is also used to check tunnel stability and tunnel supports effect and use fundamental data to determine timing for closure of tunnel face.

Component

- * Reflecting sheet
- * Target
- * Fixation jig



Features

Using for electronic wave surveying target is mainly divided into triple prism and refraction type target (to measure the displacement using a reflecting sheet). For refraction type target, the reflecting sheet with ultra high brightness is attached. The measurement accuracy of the displacement is not better than that of triple prism method but the 2-D measurement is possible because of the short distance. It is much used for measuring the crown settlement and displacement for tunnel work.

Specification

Model	SJ-8800 Fixation type	SJ-8801 Folder type	SJ-8802 For structure	SJ-8803 For crown
Accuracy	Angle : $\pm 0.5^\circ$, distance : 1.2mm			
Reflection sheet material	Super high brightness reflection sheet			
Reflection sheet size	$\varnothing 55\text{mm}$	$\varnothing 55\text{mm}$	40×45mm	35×40mm
Dimension	98×114×30mm	H = 72mm L = 60×50mm	40×60×15mm	40×60×20mm
Weight	0.1kg	0.2kg	0.06kg	0.05kg
Material	ABS Resin	Steel	Resin	Resin

Pin of tape extensometer

Length	0.3m	0.5m
Dimension	300 × 15mm	500 × 15mm
Weight	0.3kg	0.5kg
Material	Steel	

※ The product spec is subject to change without prior notice in order to enhance the product's quality.