

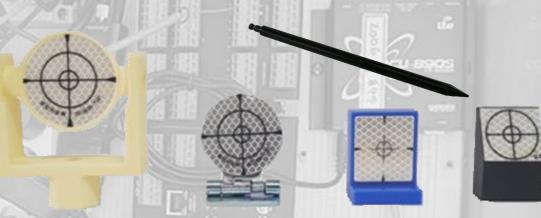
# **Bireflection Target & Pin**

#### **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: ±0.5°, distance: 1.2mm			
<b>Reflection sheet material</b>	Super high brightness reflection sheet			
Reflection sheet size	Ø55mm	Ø55mm	40×45mm	35×40mm
Dimension	98×114×30mm	H = 72mm L = 60×50m m	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		

<sup>\*</sup> The product spec is subject to change without prior notice in order to enhance the product's quality.