

Geodetic targets



Description

Model 7500 is a 3-dimensional displacement measuring instrument for civil engineering works such as tunnel or excavating underground. There is a triple prism and bireflection target for a geodetic target.

Bireflection target uses high brightness for displacement and thus its accuracy is lower than triple prism and its range of force is up to 100m. As it allows for 2-dimension measurement, it is very handy for civil engineering works such as tunnel and its price is very low compared to prism.

As highly bright reflecting papers are attached to both sides and polyamide and G.F 30% material is used as frames, we can assure product reliability.

Model **7510 triple prism** has high brightness because of using refraction of light and its range of force is up to 500m. Also, it is possible to use for 3-dimension measurement but it is required to be careful from breakage.

Specification

Model	7500 (bireflection target)	7510 (prism target)	
Accuracy	Angle : ± 0.5 mgon Distance : ± 1.2 mm	Angle : ± 0.3 mgon Distance : ± 1.0 mm	
Prism Constant	-	0mm or -30 mm	
Offset	-	0mm or -30 mm	
Confirmation of compatibili- ty (Leica)	-	Absolute offset(mm) +4.4 / -30 +34.4 / 0	
Weight	0.1kg	0.2kg	
Material	Frame	Polyamide and G.F 30%	
	Plate	Polyamide and G.F 30%	
	Reflection target	Reflection sheets of highly brightness	Cristal prism
Accessories	M10 anchor, connection adapter 3/8" saturn anchor, connection adapter		

Applications

Measuring 2~3 - dimensional displacement such as dam, slope, tunnel etc.

Category	Prism	Bireflection target
Usage	3 - dimensional	2 - dimensional
Range	1~500m	1~100m

