



Datasheet

Name of product: Mini target prism

Model: ADS101 -1

Main equipment for testing prisms:

Name/Model	Zygo Laser Interference	Total Station TC180 0
Accuracy Measurement	Display resolution: 5"	/
Distance Measurement	/	Prism range: 1000m

Test location and environment condition for the test:

Indoor Location: Standard constant temperature room.

Prism test temperature: 24°C

Outdoor Location: Standard Distance Test Field in Shanghai Baosteel Co., Ltd.

Results of test and additional explanation:

No.	Item	Technical Requirements
1.	Prism material	Superior quality K9 glass
2.	Prism diameter (mm)	$\varnothing 25.4 \pm 0.1$
3.	Prism Accuracy	$\leq 5''$
4.	Prism Coating	Copper Coating
5.	Prism offset	+17.5mm
6.	Prism Surface Quality	60/40
7.	Mini pole length	30cm x 4 pcs
8.	Mini pole diameter	12mm
9.	Main structural material	PC Holder
10.	Prism Housing surface treatment	Spray black sand grain
11.	Range	$\leq 1000m$