



ADHAR INSTRUMENTS & SERVICES



Optical Target (Prism) AIS-1701

Optical target is used to measure the deformations of structure in 3 dimensional at a point. It gives very precise information about the movement from remote. Precise Total Station is used in recording the data. The monitoring can be performed from either side of target as per site conditions. The monitoring using optical target is also known as 3D monitoring.

Applications:

- Convergence monitoring of tunnel.
- Movement of rock in underground activity.
- Building settlement monitoring.
- Land slide monitoring
- Inclination monitoring of dam



Prism Targets

2016

Specifications:

Optical Range	: 0.3m to 750m with precise Total Station
Accuracy	: ± 1 mgon
Measurement in Distance	: ± 1 mm
Weight	: 200g
Anchor Size	: As per site requirement. Standard size 9mm dia, 65mm long 12mm dia, 100mm long 16mm dia, 250/500/1000mm long 20mm dia, 250/500/1000mm long
Standard Anchor Size	: 12mm dia, 250mm long