

## Optical Targets

### INTRODUCTION:

The reflexive targets of PMT are cost-effective and versatile products for many geodetic applications. They are mainly used for

- Measuring deformation during tunneling.
- Monitoring bridges, dams, slopes, structures etc.

### FEATURES:

- Precise, rugged, interchangeable, and low cost.
- Compact construction
- Easy Installation
- Robust frame and bolts with firm grip

### DESCRIPTION:

#### Bi reflex & Prism Target:

The bi reflex target designed and developed by PMT consists of a reflector mounted on a robust frame. The target has reflectors on both the sides and is mounted on a universal joint such that it can be oriented in any direction as required. The target has a small centre hole to allow precise targeting. This allows the creation of optimal visibility conditions also where instrument locations are changing.

#### Mini Prism

The prism target consists of a mini prism mounted on a robust frame. This is also mounted on a universal joint such that it can be oriented in any direction as required. The target is interchangeable



**Bi-reflex Target**



**Mini Prism**

### SPECIFICATIONS:

#### Bi-reflex Target

Model No.	4011M-G-BT
Measuring Range	Upto 150m
Manufacturing Accuracy	+/-0.1mm
Material	Plastic
Break-off point	Plastic

#### Mini-Prism Target

Model No.	4011M-G-PT
Measuring Range	Upto 600m
Manufacturing Accuracy	+/-0.1mm
Addition Constant	17.5mm
Break-off Point	Plastic

#### Convergence Bolt

Length	250/500mm
Diameter	20/24mm
Material	Galvanized Steel
Protective Cap	PVC

#### Ordering Information

*Dimensions and ranges are nominal only and can be modified to suit project requirements.*