



Data Digger Equipment

## Data Digger Equipment

568 K/240 Krishnapalli, Alambagh, Lucknow. PIN 226005

GST: 09AFEPB9198K1ZW

Website: [www.datadigger.co.in](http://www.datadigger.co.in)

E-mail: [info@datadigger.co.in](mailto:info@datadigger.co.in)

Contact: +91-7880650032, +91-7505751181

# REFLECTIVE TARGETS

## MODEL DDE10001A/10001B Series



### OVERVIEW

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Data Digger Equipment reflective targets are designed to suit a wide variety of surveying applications. They are used extensively for measurement of deformation during tunneling and subway construction, for monitoring bridges, dams, slopes and building structures.

### FEATURES

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- Precise, rugged, interchangeable and low cost.
- Compact construction.
- Easy installation.
- Robust frame and bolts with firm grip.
- Precise surveying application where total stations are used.

### APPLICATION

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- Measurement of deformation in tunnel.
- Measurement of deformation in subway construction.
- Monitoring of dams, bridges and slopes.
- Monitoring of building structures.
- Surveying works.



AN ISO 9001:2015 Certified Organization  
Certificate No: 304920053008Q



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### DESCRIPTION

#### Model DDE-10001A Bi-flex target

Model DDE-10001A Bi-flex target consists of 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 center hole to allow precise targeting.



The Bi-flex target is made of high performance materials and precise manufacturing processes. The target is thus, interchangeable.

#### Model DDE-10001B Prism target

Model ERT-10P prism target consist 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.



#### Optional components

The optional components which can be ordered separately with both model DDE-10001A and DDE-10001B include convergence bolts with protective cap and adaptor with reference break-off point. The break-off point adaptor is required to mount the target on the convergence bolts.



### SPECIFICATIONS

#### DDE-10001A Bi-flex target

Measuring range	Approximately 12 m to 140 m
Manufacturing accuracy	± 0.1 mm
Material	Reflector support is plastic, mounted on universal joints with reflective foil on both sides

#### DDE-10001B Prism target

Measuring range	Approximately 0.3 m to 600 m
Manufacturing accuracy	± 0.1 mm
Addition Constant	+17.5 mm
Material	Prism support is plastic, mounted on universal joints

#### Protective cap

Material	Red polyvinyl chloride
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#### Break-off point 12 mm

Material	Plastic - Acetal
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#### Break-off point 8 mm

Material	Plastic - Acetal
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