

Long Range Tunnel

Automatic Plumb Indication System PI.750

Made in Australia



Available for Nadir or Zenith application. Green Beam Laser on request.



Nadir Laser

Focusable Red Laser Beam

The beam size of the PI.750 can be focused via the beam expander. This is achieved by rotation of the expander.

Set up and Mounting

This is usually a platform or jig assembly. The mounting base for the PI.750 should be secure. Location of the laser should be decided in reference to the projection target.

Use

The laser will be switched on when connected to 12VDC. The self levelling process (within 3° of level) will begin and once level a laser beam will be produced. The projected laser dot will self level and indicate its plumb position. This location of the instrument should be done in reference to the target.

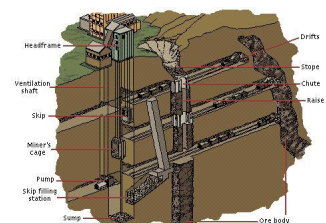
Keypad Functions

The lock symbol is used to indicate if the instruments level has been disturbed. To activate this feature simply press and hold the lock symbol for 3 seconds, the lock symbol will be displayed on the LCD. If the unit is knocked the lock symbol will flash. The lock symbol will need to be pressed again for 3 sec to deactivate. The process can then be repeated.

A/M symbol is used so that the laser beam is always active, even during the self levelling stage. This is used when excessive vibration is evident, so that the beam will not continually switch off causing work to stop.

Technical Specification

Beam diameter	Focusable
Operating range	750 meters
Drift Accuracy	0.007%
Output power	3 mW
Laser source	Laser diode, visible
Power supply	12VDC
Diameter	60 mm
Weight	6.1 kg
Operating range	-20°C to +50°C
Recommended range	0° to +40°C



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