

TruPulse™ 360

Combining a Compass
with Laser Rangefinder
and Inclinometer

**LASER
TECHNOLOGY**
Measurably Superior

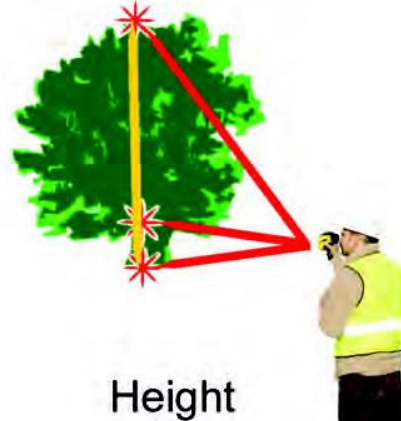
NEW!



The TruPulse 360 is the latest in a long line of Laser Rangefinder products from LTI; combining a Compass with the Laser sensor and the Tilt sensor to measure slope distance, horizontal distance, vertical distance, inclination (or percent slope), azimuth, or instantly calculate the height of any object or the missing line between two points.

The TruPulse 360 utilises the latest in electronic compass technology LTI's TruVector technology. This allows the instrument to take an accurate azimuth reading no matter how it is oriented in physical space.

The Missing Line Routine calculates distances and angles to describe the relationship between two points in three-dimensional space (connecting vector). It is ideal for span lengths, crown spread, remote slope determinations, and changes in elevation from one location.



Specifications:

- Dimensions: 12 cm x 5 cm x 9 cm
- Weight: 220g
- Data Communication: Serial, via wired RS232 (standard) or wireless Bluetooth® (Optional)
- Power: 3.0 volts DC nominal; (2) AA or (1) CRV 3
- Eye Safety: FDA Class 1 (CFR 21)
- Environmental: Water and Dust Resistance, NEMA 3, IP 54
- Temperature: -20°C to +60°C
- Optics: 7X Magnification (Field-Of-view: 100m @ 1000m)
- Display: In-scope LCD
- Units: Feet, Yards, Metres, and Degrees
- Monopod/tripod mount: (1/4" –20)

Measurement Range:

- Distance: 0 to 1000m typical, 2000m to reflective target
- Inclination: +/- 90 degrees
- Azimuth: 0 to 359.9 degrees

Accuracy:

- Distance: +/- 30cm
- Inclination: +/- 0.25 degrees
- Azimuth: +/- 1 degree

Operating Modes:

- Horizontal or vertical distance
- Flexible height routine
- Target acquisition: Closest, Farthest and Continuous.

* Preliminary Specifications – Subject to change without notice

Pear Technology Services Ltd.
Unit 31 Broadmarsh Business Centre
Harts Farm Way
Havant
Hampshire
PO9 1HS

Tel: 023 9249 9689
Fax: 023 9247 8425
Email: info@peartechnology.co.uk
www.peartechnology.co.uk

