

TRUPULSE® 200L QUICK REFERENCE FIELD GUIDE

LTI Part #0144878

TruPulse® 200L



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LTI YouTube® Channel

www.youtube.com/lasertechpro

for TruPulse® Training Videos

TruPulse® 200L Display Icons

Measurement Modes • Target Modes



F Feet ● Degrees
M Meters % Percent
Y Yards

 Inclination

 Slope Distance

 Horizontal Distance

 Vertical Distance

 Missing Line

 Height

 Closest

 Farthest

 Continuous

 Filter

 Laser Indicator

 Battery Life Indicator

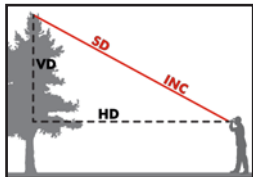
TruPulse® 200L

Values & Key Code

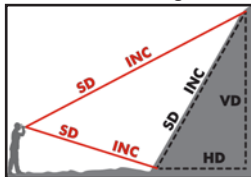
Measured by TruPulse

Calculated by TruPulse

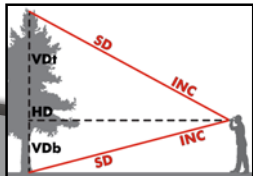
1-Shot Distance



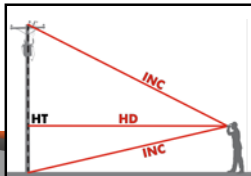
2-Shot Missing Line



2-Shot Height



3-Shot Height



 = Horizontal Distance (HD)

 = Slope Distance (SD)

 = Vertical Distance (VD)

 = Height (HT)

 = Inclination (INC)

 = Missing Line

 = Fire Button

 = Up Button

 = Down Button

(SCOPE) = In-scope Top

() = In-scope Bottom

Change Units of Measurement

- [1] Press-and-hold  (Units), then press .
- [2] Press  to scroll through (Y [Yards] M [Meters] F [Feet]) and press  to choose.
- [3] Press  to scroll through (° [Degrees] % [Percent]) and press  to choose.

Change Targeting Mode

- [1] For **Standard Mode**, press-and-hold  (Std) will show as the default mode.
- [2] Press  repeatedly to scroll through the mode options:
 -  **Filter** (note: the optional foliage filter must be used with this mode)
 -  **Closest**
 -  **Farthest**
 -  **Continuous**
- [3] Stop at the desired mode and press  to accept it. *The icon for the selected mode will show (no icon for Standard Mode)*
- [4] Repeat steps to change target mode again.

Measure Distance

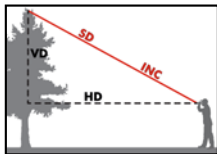
In $\triangleleft$ mode, the 200L will automatically measure $\triangleleft$ and $\triangle$ then calculate $\triangleleft$ and $\triangleleft$. Measurements are from the 1/4-20 tripod mount (center) of the laser to target.

[1] Press-and-hold  (..... $\triangleleft$).

[2] Aim at target where you have a clear line of sight then press-and-hold .

The laser indicator  will be displayed. When the measurement is acquired ($123 \triangleleft$) will be displayed.

[3] Press  to scroll through ($234 \triangleleft \triangleleft \triangle$) values.



Helpful Tips

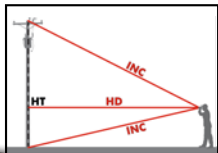
The $\triangleleft$ solution is critical for mapping in objects.

The $\triangleleft$ solution can be used to measure height or clearance, as in the image to the left - just add the height of the laser at your eye level to the measurement.

Measure Height in 3-Shots

This routine is ideal for flat, vertical objects that do not lean. To shoot through brush, use the filter mode, foliage filter and a reflector.

- [1] Press  until (.....) displays and () flashes.
- [2] Aim where you have a clear line of sight to the target and press-and-hold . The laser indicator  will be displayed. When the measurement is acquired (-123) will be displayed.
- [3] () and the () flashes. Aim to bottom, press-and-hold  (-15°)
- [4] () Aim to top, press-and-hold , (15°) ()



Helpful Tip

In the  routine, the laser does not actually fire when taking the two  measurements, so you do not need a clear line of sight to the top or bottom of your target. The sequence of the  shots does not matter.

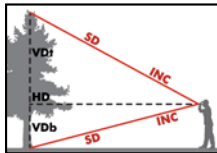
Measure Height in 2-Shots

[1] Press  until () , aim at bottom of target then press-and-hold .

The laser indicator  will be displayed. When the measurement is acquired (- 123 ) will be displayed. Note this value for the Vertical Distance (VDb) measurement.

[2] Aim at the top of the target then press-and-hold .

[3] The laser indicator  will be displayed. When the measurement is acquired (123 ) will be displayed. Note this value for the Vertical Distance top (VDt) value. Add the two values to calculate the height **$VDb + VDt = \text{Height}$** .



Helpful Tip

The 2-shot height works well on leaning objects and requires a clear line of sight for both shots.

Measure 2D Vertical Missing Line

[1] Press  until (Shot 1 ) displays and () flashes.

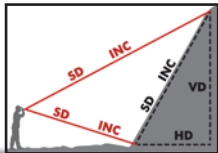
[2] Aim at the 1st target, press-and-hold  .

- The laser indicator  will be displayed. When the measurement is acquired (123 ) will be displayed.

[3] (Shot 2 ) displays and () flashes. Aim at 2nd target, press-and-hold  .

- The laser indicator  will be displayed. When the measurement is acquired (123 ) will be displayed.

[4] (567 ) , keep pressing  to scroll through (567   ) from shot 1 to shot 2.



Helpful Tip

Position yourself where shot 1 and 2 are made looking in the same directions and vertical plane with a clear line of site to both targets. The exception is the  solution will always be accurate no matter which direction shot 1 and 2 are taken.



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