TruPulse® 200L Quick Reference Field Guide

LTI Part #0144878

LASER TECH

TruPulse® 200L

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LTI YouTube® Channel

www.youtube.com/lasertechpro
for TruPulse® Training Videos

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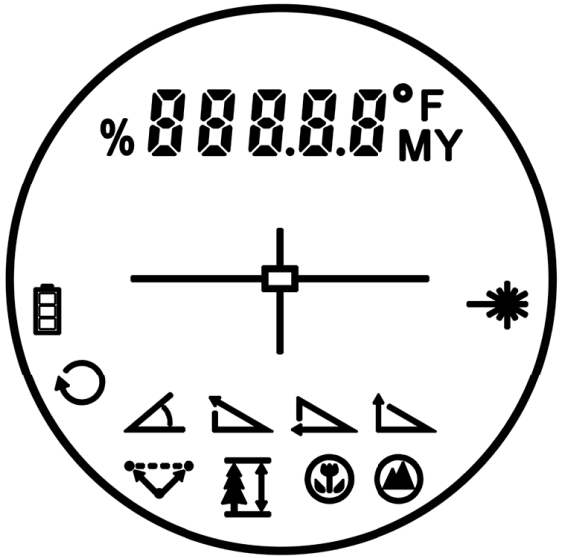
TruPulse® 200L Display Icons



F	Feet	●	Degrees
M	Meters	**%**	Percent
Y	Yards		

Measurement Modes

- Inclination
- Slope Distance
- Horizontal Distance
- Vertical Distance
- Missing Line
- Height

Target Modes

- Closest
- Farthest
- Continuous
- Filter
- Laser Indicator
- Battery Life Indicator

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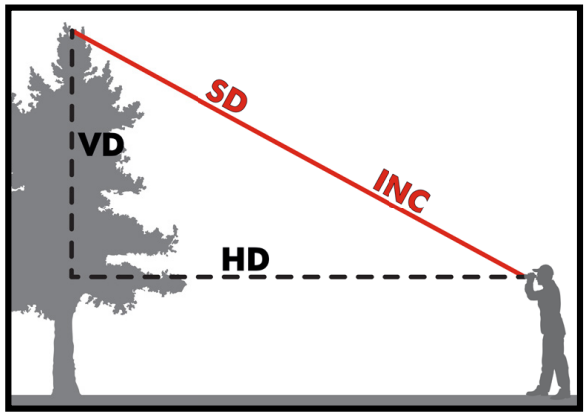
TruPulse® 200L Values & Key Code

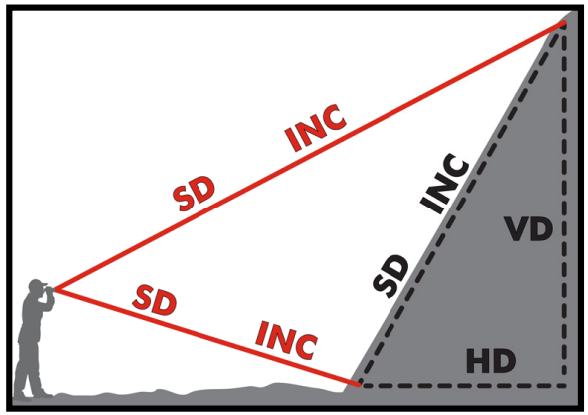
Measured by TruPulse

Calculated by TruPulse

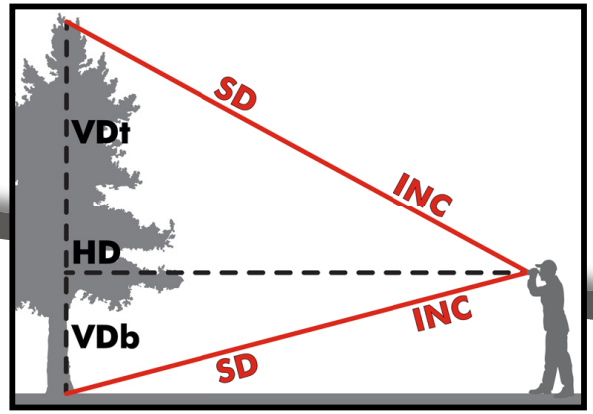
1-Shot Distance



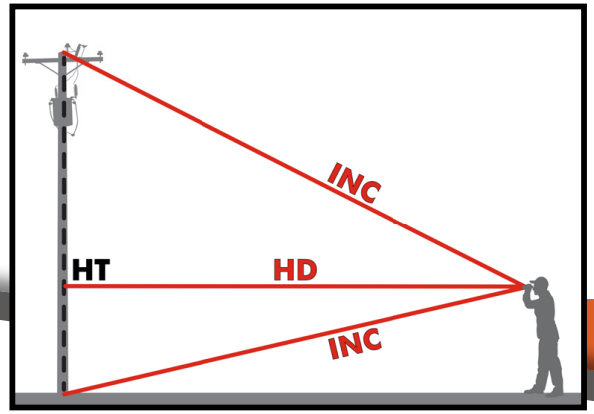
2-Shot Missing Line



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 FIRE.
[2] Press ▼ to scroll through (**Y [Yards] M [Meters] F [Feet]**) and press FIRE to choose.
[3] Press ▼ to scroll through (° **[Degrees] % [Percent]**) and press FIRE 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:

(FLt) **Filter** (note: the optional foliage filter must be used with this mode)
(FAr) **Farthest**
(CLo) **Closest**
(Con) **Continuous**

[3] Stop at the desired mode and press FIRE to accept it.
The icon for the selected mode will show (no icon for Standard Mode)
[4] Repeat steps to change target mode again.

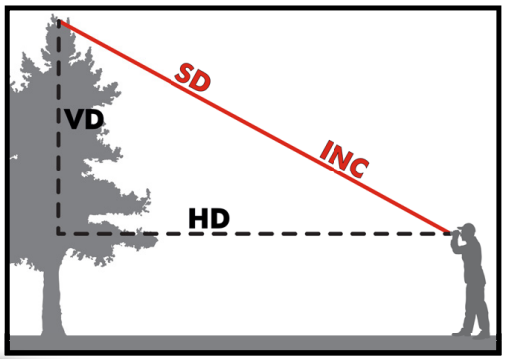
Measure Distance

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

[1] Press-and-hold ( ).

[2] Aim at target where you have a clear line of sight then press-and-hold FIRE. The laser indicator will be displayed. When the measurement is acquired ( ) will be displayed.

[3] Press to scroll through ( ) values.



Helpful Tips

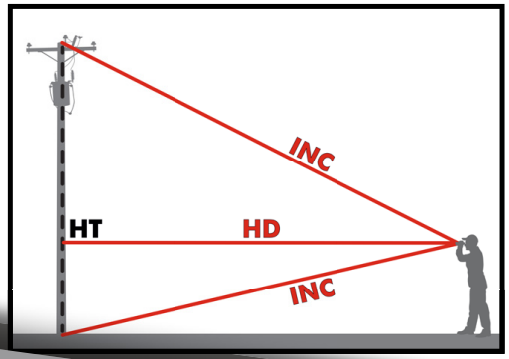
The solution is critical for mapping in objects.

The 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 FIRE. The laser indicator will be displayed. When the measurement is acquired (123) will be displayed.
[3] (Ang 1°) and the ( ) flashes. Aim to bottom, then press-and-hold FIRE .
[4] (- 15°)(Ang 2°) Aim to top, press-and-hold FIRE , (15°)(35).

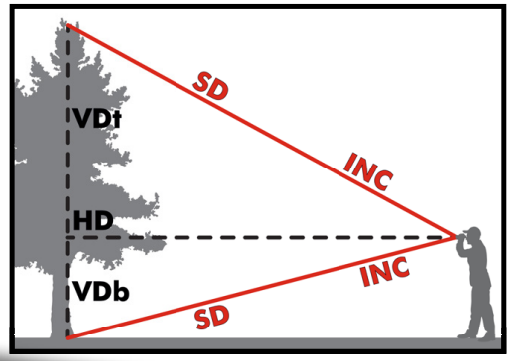


Helpful Tip

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 FIRE.
The laser indicator will be displayed. When the measurement is acquired ( ) will be displayed. Note this value for the Vertical Distance (VDb) measurement.
[2] Aim at the top of the target then press-and-hold FIRE.
[3] The laser indicator will be displayed. When the measurement is acquired ( ) will be displayed. Note this value for the Vertical Distance top (VDt) value. Add the two values to calculate the height **VDb + VDt = Height.**

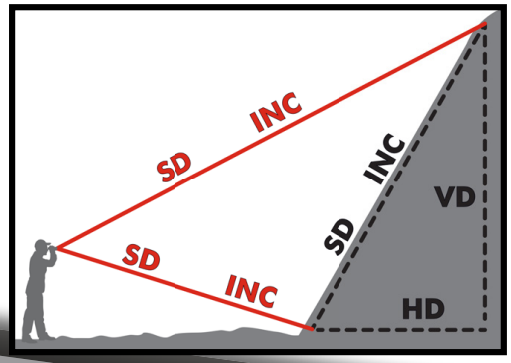


Helpful Tip

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 FIRE.
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 FIRE.
The laser indicator will be displayed. When the measurement is acquired (123) will be displayed.
[4] ( ), keep pressing ▼ to scroll through ( ) from shot 1 to shot 2.



Helpful Tip

Position yourself where shot 1 and 2 are made looking in the same direction 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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