LASER TECH 0144878 TRUPULSE 200L User Guide

Contents

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LTI Technical Support

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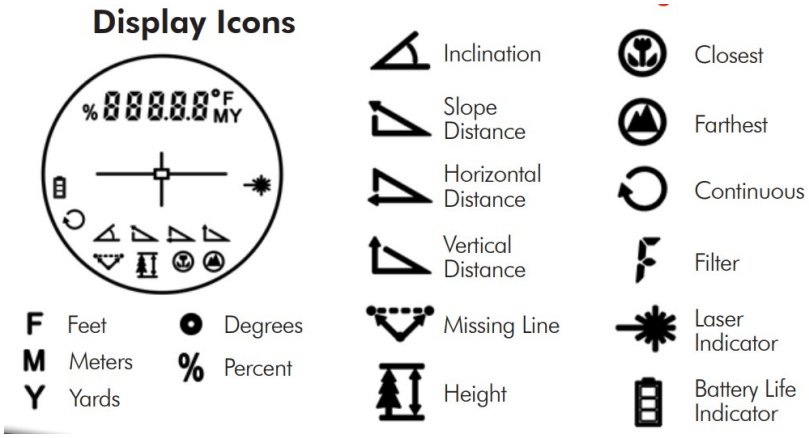
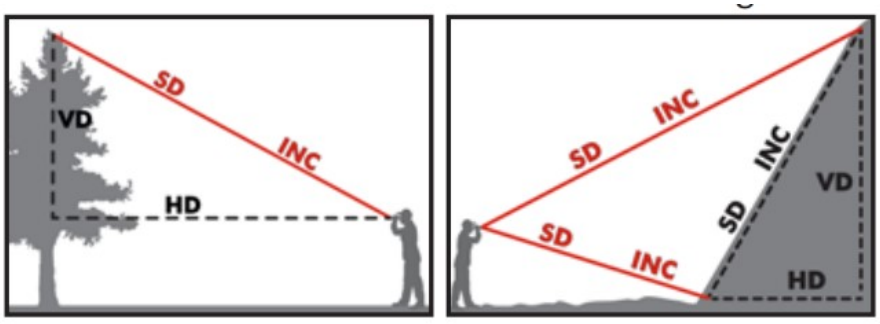
Tru Pulse® 200L Display Icons

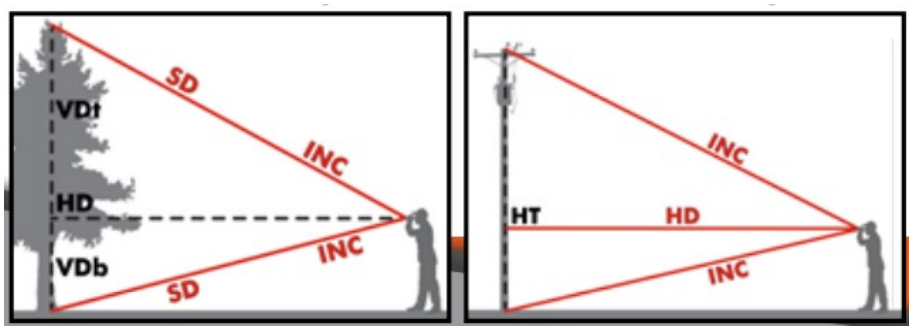


TruPulse® Values & Key Code

1-Shot Distance 2-Shot Missing Line



2-Shot Height 3-Shot Height



Measured by TruPulse

Calculated by TruPulse

= 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 ( ), then press .
[2] Press to scroll through ( ) and press to choose.
[3] Press to scroll through ( ) and press to choose

Change Targeting Mode

[1] For Standard Mode, press-and-hold ( ) 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*)
(CLo) **Closest**
(FAr) **Farthest**
(Con) **Continuous**

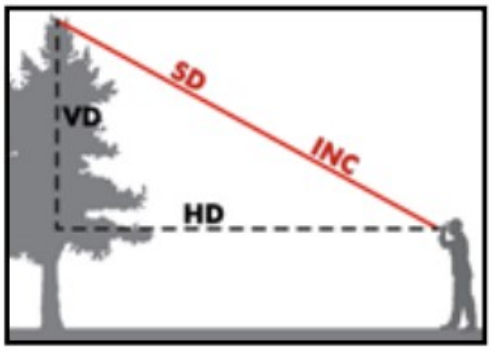
[3] Stop at the desired mode and press to accept it. The icon for the selected mode will show (no icon for Standard Mode)
[4] Repeat steps to change target mode again

Measure Distance

In mode, the 200L will automatically measure and then calculate and . Measurements are from the 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 .
The laser indicator will be displayed. When the measurement is acquired ( ) will be displayed.
[3] Press to scroll through ( ) values.

Helpful Tips

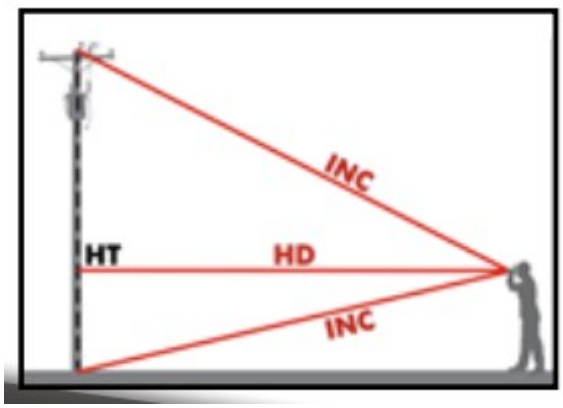


The solution is critical for mapping in objects.
The solution can be used to measure height or clearance, as in the image to the left – just add the height of the laser at your eye level to the measurement.

Measure Height in 3-Shots

[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 (-) will be displayed.
[3] ( ) and the ( ) flashes. Aim to bottom, press-and-hold (-)
[4] ( ) Aim to top, press-and-hold , ( )( ).
FIRE
FIRE
FIRE

Helpful Tip

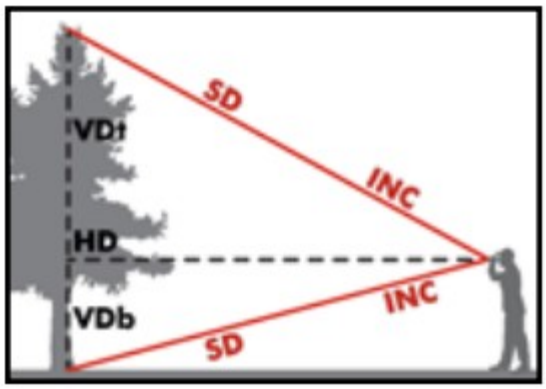


This routine is ideal for flat, vertical objects that do not lean. To shoot through brush, use the filter mode, foliage filter and a reflector

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 (-) 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 ( ) 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

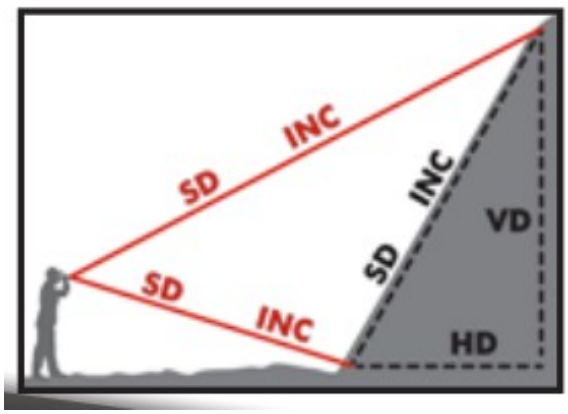


The 2-shot height works well on leaning objects and requires a clear line of sight for both shots.

Measure 2D Vertical Missing Line

[1] Press until ( ) displays and ( ) flashes.
[2] Aim at the 1st target, press-and-hold .
– The laser indicator will be displayed. When the measurement is acquired ( ) will be displayed.
[3] ( ) displays and ( ) flashes. Aim at 2nd target, press-and-hold .
– The laser indicator will be displayed. When the measurement is acquired ( ) 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 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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Documents / Resources

	LASER TECH 0144878 TRUPULSE 200L [pdf] User Guide 0144878 TRUPULSE 200L, 0144878, TRUPULSE 200L, 200L

References

- Laser Tech | Laser Technology Company | Laser Measurement Tools