TruPulse® 200L Quick Reference Field Guide
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TruPulse® 200L

Fire Button
Up Button
Down Button

LTI YouTube® Channel:  
www.youtube.com/lasertechpro  
for TruPulse® Training Videos
TruPulse 200L® Display Icons:

Measurement Modes:
- Inclination
- Slope Distance
- Horizontal Distance
- Vertical Distance
- Missing Line

Target Modes:
- Closest
- Farthest
- Continuous
- Filter
- Laser Indicator
- Battery Life

Measurement Units:
- Feet
- Meters
- Yards
- Degrees
- Percent

Display Icons:
- Inclination
- Horizontal Distance
- Vertical Distance
- Closest Slope Distance
- Farthest Distance
- Continuous Laser Indicator
- Filter
- Height
- Missing Line
- Battery Life
TruPulse® 200L Values & Key Code:

1-Shot Distance:  
2-Shot Missing Line:  
2-Shot Height:  
3-Shot Height:  

Calculated by TruPulse:

Measured 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 (FIRE).
3. Press (↓) to scroll through (° [Degrees] % [Percent]) and press (FIRE) 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:
   - (Filter) Filter (Note: The optional foliage filter must be used with this mode)
   - (Farthest)
   - (Closest)
   - (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).

Repeat steps to change target mode again.
Measure Distance:

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

[1] Press \( \bigtriangleup \) until \( \cdots \cdots \bigtriangleup \).

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

[3] Press \( \bigtriangleup \) to scroll through \( \bigcirc \bigtriangleup \) \( \bigtriangleup \) \( \bigtriangleup \) values.

Helpful Tips:

The \( \bigtriangleup \) solution is critical for mapping in objects.

The \( \bigcirc \) 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 \(\Delta\) flashes.

2. Aim where you have a clear line of sight to the target and press-and-hold FIRE. The laser indicator \(\star\) will be displayed. When the measurement is acquired \(\text{(HT)}\) will be displayed.

3. \(\text{(HT)}\) and the \(\Delta\) flashes. Aim to bottom, then press-and-hold FIRE.

4. \(\text{(HT)}\) \(\Delta\) \(\text{(HD)}\). Aim to top, press-and-hold FIRE, \(\text{(HT)}\) \(\Delta\) \(35\text{HT}\).

**Helpful Tip:**

In the \(\text{HT}\) routine, the laser does not actually fire when taking the two \(\Delta\) measurements, so you do not need a clear line of site to the top or bottom of your target. The sequence of the \(\Delta\) 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 ( ) will be displayed. Note this value for the Vertical Distance bottom (VDb) measurement.

[2] Aim at the top of the 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 top (VDt) value.

Add the two values to calculate the height $V_{Db} + V_{Dt} = \text{Height}$.

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:**
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.

[1] Press \( \uparrow \) until \((\text{Shot } 1 \uparrow)\) displays and \((\downarrow)\) flashes.

   The laser indicator \( \blackstar \) will be displayed. When the measurement is acquired \((\downarrow)\) will be displayed.

[3] \((\text{Shot } 2 \downarrow)\) displays and \((\downarrow)\) flashes. Aim at 2nd target, press-and-hold \( \text{FIRE} \).
   The laser indicator \( \blackstar \) will be displayed. When the measurement is acquired \((\downarrow)\) will be displayed.

[4] \((\text{Set } 1 \downarrow \uparrow)\), keep pressing \( \downarrow \) to scroll through \((\text{Set } 1 \downarrow \uparrow \downarrow \uparrow)\) from shot 1 to shot 2.