

# TRUPULSE<sup>®</sup> 200X LASER RANGEFINDER



The TruPulse 200X laser rangefinder was designed to make high precision measurements for professionals working in challenging field conditions. The 200X provides an in-scope LED display that easily adjusts to varying light conditions, with its advanced inclination and distance accuracy, makes this laser rangefinder the most progressive product in the TruPulse Series line.

## Key Features

- Reflectorless technology allows you to capture data safely and conveniently to practically any target or surface type
- Lightweight and compact for easy portability
- 2-year limited warranty

## Ultimate Performance

- Withstand harsh conditions with rugged, waterproof housing
- Bluetooth<sup>®</sup> communication for Windows Mobile, Android and iOS devices
- Built in solutions for height and length measurement values



## TruTargeting Technology

- Capture the correct measurement to your intended target by choosing from any of the 4 targeting modes
- Consistently achieve highly accurate and repeatable results that true professionals need to do their job
- Have better aiming stability and increased precision by connecting to a tripod or using a remote trigger

## Superior Optics

- Easily see your target with the crystal-clear 7-power optics
- Always achieve the best focus with an adjustable eye diopter
- View all your data values right in the scope, instantly receiving feedback on your measurement accuracy

## Ideal Applications



### CONSTRUCTION

- Crane Clearances
- Slope Grades
- Job Estimates



### MINING

- Blast Design
- Mine Surveying
- Stockpile Volumes



### ELECTRIC UTILITIES

- Pole Audit/Inventory
- Vegetation Management
- Conductor Clearances

# TRUPULSE® 200X LASER

## Measurement Solutions

Measured  
by TruPulse:

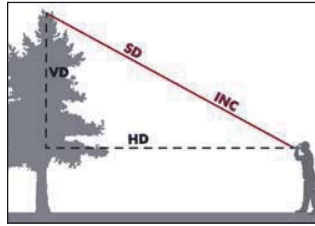


Calculated  
by TruPulse:

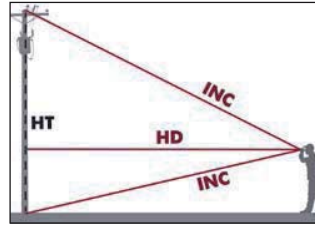


HD = Horizontal Distance  
VD = Vertical Distance SD = Slope Distance  
INC = Inclination HT = Height  
ML = Missing Line

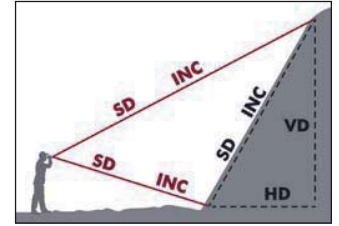
1-Shot = 4 Values



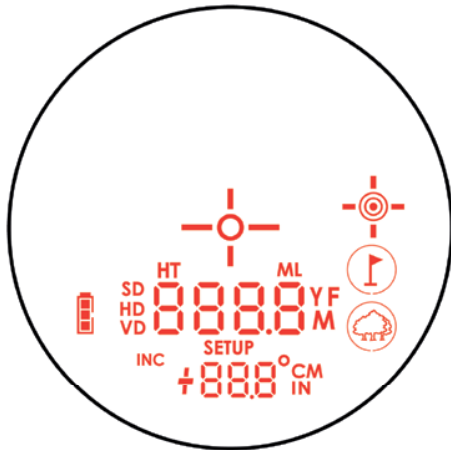
3-Shot Height



2-Shot 2D Missing Line:



## LCD In-Scope Display



## Specifications

Distance Accuracy to Typical Targets	± 4 cm (1.6 in)
Distance Accuracy to Weak Targets	± 30 cm (1 ft)
Inclination Accuracy	± 0.1° Typical
Max Range to Reflective Targets	2500 m (8,200 ft)
Max Range to Non-Reflective Targets	1900 m (6,233 ft)
Communication (COM Port / Wireless)	RS-232 / Windows + Android + iOS
Scope Magnification/Inside Display Type	7x/LED
In-Scope Field of View	10 m @ 91.5 m away (33 ft @ 300 ft)
Environmental Rating	Water-resistant / IP55
Temperature Range	-20° to 60° C (-4° to 140° F)
Battery Type (8 hrs. of continuous use)	(1) CR123A
Size L x W x H	13 x 5 x 11 cm (5.2 x 2.1 x 4.5 in)
Weight	382 g (13.5 oz)

## Targeting Modes

- Closest:** Distinguishes near and far objects and identifies the closest target
- Farthest:** Distinguishes near and far objects and identifies the farthest target
- Continuous:** Provides constant updates while shooting multiple targets
- Filter:** Measures through dense foliage by recognizing only a highly reflective target

## Software & Accessories



**LaserSoft Measure App:**  
Document every measurement you take with LTI's smartphone app and start collecting defensible field data with scope shots and all!



### Hardware Support Brackets:



TruPulse L-Bracket  
(PN#7024746)



TruPulse Mounting  
Bracket (PN#7024866)



Foliage Filter  
(PN#7035142)



### MapStar® TruAngle®:

Integrate your TruPulse 200X with an LTI TruAngle device for complete 3-dimensional measurements.  
(PN#7006000)



### Forest it Design

Forest it Design is a leading provider of rugged mobile computers, all-in-One PC, measurement instruments, and GPS/GNSS solutions. The company has offices in Värnamo, Gothenburg, London, Frankfurt and Munich.

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