

“Using a Laser Rangefinder in Fog”

Laser range finders have been a wonderful tool for measuring tree height, distance to trees and buildings and a variety of other measurements. They easily measure Slope Distance, Horizontal Distance, Vertical Distance, Inclination, Tree Heights, and for the TruPulse 360, Azimuth bearings.

One of the significant problems with all laser rangefinders is working in fog (or heavy dust). Fog can disrupt the laser’s ability to get a reading. Fortunately, the TruPulse lasers have the ability to run in a mode allowing use with a light fog. In Farthest Mode, if the unit gets a return from a light fog and from a target further away, it will report the farthest distance. In heavy fog, the instrument may not be able to measure longer distances. Interestingly enough, the TruPulse does not have any problem working in a heavy rain.



TruPulse Series

Here are a few guidelines for using the TruPulse Lasers in foggy conditions:

1. Make sure the TruPulse is in Farthest Mode
2. Hold the fire button down for a second or two. This allows the TruPulse to fire dozens of laser signals.
3. Hold the TruPulse as steady as possible. The use of a staff to steady the unit can be very helpful.

For the Impulse laser rangefinders from Laser Technology, there are a similar set of procedures to help the instrument work in fog:

1. Set Gates within the menu system. The gates can limit the Impulse from reporting a measurement less than the gate value.
2. Hold the fire button down for a full second or two. The Impulse is taking multiple shots while the fire button is depressed.
3. Hold the unit as steady as possible. Use of a staff greatly helps to stabilize the laser rangefinder.

For additional information on the TruPulse and Impulse laser rangefinders contact:



Impulse Series

Resource Supply, LLC
11607 SW Winter Lake Dr.
Tigard, OR 97223
Phone: 503-707-6236
Fax: 503-536-6869
Email: jon@resourcesupplyllc.com
www.resourcesupplyllc.com

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