

“Laser Rangefinders—Selecting The Best One”

Laser Rangefinders help provide more accurate measurements and they save time and energy. Using a laser rangefinder is easy, especially when you consider they can provide Horizontal Distance, Slope Distance, Vertical Distance, and Tree Height with one or more clicks of the fire button.

The choice analysis table on the second page of this report gives detailed information on four models of laser rangefinders. They vary in price, size, maximum usable distance, and other features.

All laser rangefinders listed in this report can utilize a filter which requires a reflective target. This feature allows the user to make accurate measurements in dense brush and other difficult situations.

We recommend that you follow the procedure listed below to select the best laser rangefinder for your needs. It takes a bit of time, and will help ensure that you purchase the best unit.

1. Determine the problems you need to solve. i.e. measure tree heights, traverse timber sales, collect GPS offset data for utility infrastructure, etc. Also note the maximum distances involved.
2. Investigate laser rangefinders that will help you solve the problems listed from item one.
3. Use choice analysis to select the best model for your needs
 - A. List models across the top of a matrix (see page two of this report)
 - B. List your selection criteria on the left hand side of the matrix (in approximate order of importance, top to bottom)
 - C. Fill in the matrix with real data. Be very specific as to size, weight, price, etc.
 - D. Cross off any models that don't meet mandatory criteria.
 - E. Select the best option for each of your selection criteria and highlight it.
 - F. Look at what you have highlighted and make your best decision based on how each model fits your most important needs.
4. Find a dealer that will sell you the selected model, and provide support and training.

For more information on the Laser Technology laser rangefinders listed in the report, please call Jon Aschenbach at 503-707-6236 or email: jon@resourcesupplyllc.com.

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TruPulse 360B Laser Rangefinder



Impulse 200 Laser Rangefinder

Resource

“Expert Knowledge”

“Superb Support”

Supply

LLC

Choice Analysis for Four Laser Rangefinders

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Criteria	TruPulse 200	TruPulse 360B	Impulse 200	Impulse 200LR
List Price	\$699.00	\$1,699.00	\$2,495.00	\$2,795.00
Max Distance to Tree or Tower	1,500' Plus	1,500' Plus	495'	985'
Min. Distance	point blank	point blank	point blank	point blank
Built-in Clinometer	-90 to +90 Degrees	-90 to +90 Degrees	-90 to +90 Degrees	-90 to +90 Degrees
Built-in Compass	No	Yes	No	No
Missing Line Mode	No	Yes	No	No
Weight	8 ounces	8 ounces	2.2 pounds	2.2 pounds
Size	5" x 2" x 3.5"	5" x 2" x 3.5"	6" x 2.5" x 5"	6" x 2.5" x 5"
Display	In view finder	In view finder	external LCD	external LCD
Accuracy	<1' to 200' or more	<1' to 200' or more	1/10th foot normally	1/10th foot normally
Eyepiece Magnification	7X	7X	None	None
Filter	\$39.00 option	\$39.00 Option	Built-in	Built-in
Ports	Wired RS232, (Bluetooth Optional)	Wired RS232, Bluetooth	Wired RS232	Wired RS232
Temperature Range	-4 to 140 F.	-4 to 140 F.	-22 to 140 F.	-22 to 140 F.
Environmental Rating	NEMA 3, IP 54	NEMA3, IP54	IP 67, NEMA 6	IP 67, NEMA 6
Battery	(2) AA	(2) AA	(2) AA	(2) AA
Battery Life	7,500 to 15,000 shots	7,500 to 15,000 shots	20 hours of use	20 hours of use
Bluetooth	No (optional)	Yes	No	No

NOTE: For an explanation of what the Environmental Ratings refer to, see the report called "What Does IP 67 Mean?" on the "Solutions" portion of the Resource Supply, LLC web site.

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(All data provided in this matrix is believed to be accurate at the time it was published. Manufacturers often change specifications and features. Resource Supply, LLC recommends that users check with the manufacturer to get the latest data)

For more information contact:

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