

IMPULSE LASER SERIES

Laser Technology's Impulse lasers are much more than just rangefinders. A number of built-in solutions make them extremely versatile. These reflectorless lasers are designed for optimal performance in a multitude of scenarios.

100 Series: Distance Measurement | 200 Series: Distance and Inclination Measurement

Hardware Specifications:

Typical Target Accuracy & Range	IMPULSE SERIES			
	100	200	200 LR	200 XL
Accuracy (Typical)	0.1 - 0.2 ft	0.1 - 0.2 ft	0.1 - 0.2 ft	1 yd
Accuracy (Max)	0.5 ft	0.5 ft	0.5 ft	2 yds
Overhead cable / Stake	165 ft	165 ft	330 ft	440 yds
Phone pole / Stockpile	330 ft	330 ft	655 ft	875 yds
Tree / Tower	495 ft	495 ft	985 ft	1315 yds
Rock Face / Building	820 ft	820 ft	1640 ft	2190 yds
Max Distance	1885 ft	1885 ft	1885 ft	2400 yds
Range Resolution	.01 ft	.01 ft	.01 ft	1 yd
Inclination Limits	N/A	+/- 90 deg	+/- 90 deg	+/- 90 deg
Inclination Accuracy	N/A	+/- 0.1 deg	+/- 0.1 deg	+/- 0.1 deg
Weight	All series: 2.2 lbs			
Size	6 x 2.5 x 5 in.			
Power Supply	(2) AA batteries providing up to 20 hours of use			
Environment	Waterproof to IP 67 and NEMA 6			
Temperature	- 22 to + 140 F			

*Max distances are approximate and all specifications are subject to change.

Key Features:

- Custom backlit LCD display
- Audible and visual indicators
- Serial output for electronic data storage (RS232 Serial)
- Selective range gating for positive target acquisition
- Built-in tilt sensor (200 series)
- Filter system to discriminate reflective targets
- Cumulative distance capability
- Determines the distance between two in-line objects
- Integrates with GPS and GIS

Package Includes:

- Impulse laser
- Red-dot scope
- Hand strap
- Tripod mounting bracket (200 series only)
- (2) AA batteries
- Operator's manual
- Padded carrying case

Optional Accessories:

- 1.5 to 4 X zoom scope
- Yoke and staff
- Remote trigger data cable

Impulse Laser w/
1.5 to 4 X Zoom Scope
and Mounting Bracket



For 3-D data collection,
integrate the Impulse with
a MapStar System.



MapStar
Angle
Encoder



MapStar
Compass
Module

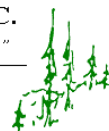
Impulse Laser w/
Red-dot Scope
and Hand Strap



LASER TECHNOLOGY
Redefining Measurement

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"Professional State-of-the-Art Forestry"

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