

# IMPULSE 200 XL LASER

Our Impulse lasers are specifically designed for optimal performance under whatever conditions you might encounter in the field. They are lightweight, extremely rugged, completely waterproof and versatile. Use them as a handheld unit or mount them on a tripod for added stability.

## Hardware Specifications:

Impulse XL Laser w/  
1.5 to 4 X Zoom Scope

Typical Target Accuracy & Range	IMPULSE 200 XL	
	(Imperial)	(Metric)
Accuracy (Typical)	1 yd	1 m
Accuracy (Max)	2 yds	2 m
Overhead cable / Stake	440 yds	400 m
Phone pole / Stockpile	875 yds	800 m
Tree / Tower	1315 yds	1200 m
Rock Face / Building	2190 yds	2000 m
Max Distance	2400 yds	2200 m
Range Resolution	1 yd	1 m
Inclination Limits	+/- 90 deg	+/- 90 deg
Inclination Accuracy	+/- 0.1 deg	+/- 0.1 deg
Weight	2.2 lbs.	1 kg
Size	6 x 2.5 x 5 in.	15.2 x 6.4 x 12.7 cm
Power Supply	(2) AA batteries (20 hours of use)	
Environment	Waterproof to IP 67 and NEMA 6	
Temperature	- 22 to + 140 F	-30 to + 60 C

(Max distances are approximate)



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



MapStar  
Angle  
Encoder



MapStar  
Compass  
Module

## Key Features:

- Custom backlit LCD display
- Audible and visual indicators
- RS232 serial output for electronic data storage
- Selective range gating for positive target acquisition
- Built-in tilt sensor
- Cumulative distance capability
- Determines the distance between two in-line objects
- Integrates with GPS

## Package Includes:

- Impulse XL laser
- 1.5 to 4 X zoom scope
- Tripod / monopod mounting bracket
- Hand strap
- (2) AA batteries
- Operator's manual
- Padded carrying case

## Optional Accessories:

- Yoke and staff
- Remote trigger data cable

