

# IMPULSE XL

Fast. Accurate. Economical.  
Extra Long Range

The Impulse XL. Modeled after the Impulse 100, this revolutionary laser practically eliminates range barriers - making super-long, accurate distance measurements a reality - yet still boasts the same lightweight, rugged design as all Impulse models.

With the push of a button, you can obtain distances up to an incredible 2.2 kilometers or 1.4 miles to *non-reflective targets*, with one meter accuracy.

The Impulse XL - the world's longest-ranging Class 1 eyesafe laser packaged and priced for commercial use - can acquire distance measurements, *in real working conditions*, up to:

- 800 to 1000 m to a dirt embankment
- 1000 m to a microwave or transmission tower
- 1200 to 1400 m to a tree
- 1600 to 2000 m to a building

Just to name a few.

## Applications

- Microwave pathing
- Military targeting
- A wide variety of extra-long range reflectorless distance measurement applications
- Sporting applications

## Features

- Rugged, waterproof, one-piece aluminum housing built for every working environment
- 6 digit backlit LCD display provides readability for day and night operation
- Determine traverse lengths or perimeters with the internal cumulative distance capability or determine the distance between two in-line objects
- The range offset mode applies constant offsets to your measurements
- Versatile user interface can display distances in yards or meters
- When necessary, use range gating to ensure target readings are only within your specified work area
- Audio and visual indicators assure confidence of positive target acquisition



## Specifications

<b>Weight:</b>	1 kg (2.2 lb.)
<b>Size:</b>	15.2 x 6.4 x 12.7 cm (6 x 2.5 x 5 in.)
<b>Maximum Range:</b>	2,200 m (2,405 yds, 1.4 miles)
<b>Range Accuracy:</b>	1 m up to 1,500 m; 2 m from 1,500 - 2,200 m (1 yd up to 1,640 yds; 2 yds from 1,640 - 2,405 yds)
<b>Range Resolution:</b>	1 m (1 yd)
<b>Eye Safety:</b>	FDA Class 1 (CFR 21)
<b>Power Supply:</b>	2 AA batteries providing up to 20 hours of use
<b>Environment:</b>	Waterproof to IP 67 and NEMA 6

## Models Available

Impulse 100 XL - Range only



Redefining Measurement

7070 S. Tucson Way  
Englewood, CO 80112 USA  
Voice: 1 (303) 649-1000  
Fax: 1 (303) 649-9710  
Home Page: [www.lasertech.com](http://www.lasertech.com)