

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 | All series: 6.0 x 2.5 x 5.0 inches | | | |
| Power Supply | 2 AA batteries providing up to 20 hours of use | | | |
| Environment | Waterproof to IP 67 and NEMA 6 | | | |
| Data Output | RS232 Serial | | | |
| Temperature | - 22 to + 140 F | | | |

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

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
- (2) AA batteries
- Operator's manual
- Padded carrying case

Optional Accessories:

- 1.5 to 4 X Zoom scope
- Tripod mounting bracket
- Yoke and staff
- Remote trigger data cable

Impulse Laser w/
Red-dot Scope
and Hand Strap

