

IMPULSE RM

RETRO - REFLECTOMETER

LTI - laser Technology, Inc. has developed a rugged, compact, point-and-shoot retro-reflectometer that will revolutionize road sign management.



The **IMPULSE RM** combines the power and Speed of a rangefinder and a retro-reflectometer, right in the palm of your hand.

From a remote point, the **IMPLUSE RM** can obtain distance and retro-reflectivity from a glass beaded sign, in a fraction of a second – *all from just the push of a button!*

Features

- Rugged, waterproof, one-piece aluminum housing built for every working environment
- Measures retro-reflectance from distances of 24 to 37 meters (80 – 120 ft.) away from the sign
- Intelligent, on-board computer calculates slope distances that can be displayed in feet or meters
- Audio and visual indicators assure positive target acquisition
- RS232 serial port allows you to store data externally: data is transferred automatically or by manual key press

For more information contact:

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Applications

- Sign Inventory and Management
- GPS Offset Mapping
- GIS Data Collection
- Traffic Engineering
- Safety Asset Management

Specifications*

Weight:	1 kg (2.2 lb)
Size:	15.2 x 6.4 x 12.7 cm (6 x 2.5 x 5 in)
Range (to a standard glass-beaded sign)	
Distance:	1 m (3 ft) minimum 225 m (738 ft) maximum
RetroReflectance:	24 m (80 ft) minimum 37 m (120 ft) maximum
Accuracy	
Range:	3 cm (0.1 ft) to a white reflective target at 20 m (66 ft),
Reflectance:	+/- 15% to a white engineering-grade reference standard sheeting at 30 m (100 ft)
Measurement Angle:	4 degrees off axis
Eye safety:	FDA Class 1 (CFR 21)
Power Supply:	2 AA batteries
Environment:	Waterproof to IP 67 and NEMA
Patent Numbers:	D390,483 • 5,780,999 • 5,790,244
(All specs nominal at 25 degrees Celsius)	

*Specifications subject to change without notice