

Mapping & Reconstruction

Hardware Specifications:

Typical Target Accuracy & Range	IMPULSE 200 LR	
	(Imperial)	(Metric)
Accuracy (Typical)	0.1 - 0.2 ft	3 - 5 cm
Accuracy (Max)	0.5 ft	15 cm
Overhead cable / Stake	330 ft	100 m
Phone pole / Stockpile	655 ft	200 m
Tree / Tower	985 ft	300 m
Rock Face / Building	1640 ft	500 m
Max Distance	1885 ft	575 m
Range Resolution	.01 ft	0.01 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)



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
- Filter system to discriminate reflective targets
- Cumulative distance capability
- Determines the distance between two in-line objects



Impulse 200 LR with 4X Hakko Scope

Impulse Mounting Bracket

For 3-D data collection, integrate the Impulse with a MapStar Angle Encoder



Package Includes:

- Impulse laser
- Hakko 4X (optional)
- (2) AA batteries
- Padded carrying case
- Tripod / monopod mounting bracket
- Red-dot scope (standard)
- Hand strap
- Operator's manual