

# Contour Series Laser Range Finder



*Point and shoot to instantly obtain accurate range and area measurements. Applications include measuring power line sag, energy stockpiles (coal, wood, etc.), general surveying, and disaster reconstruction.*

## Superior Performance

- 1:1 viewing for precise target identification (8x magnification available)
- Continuously update range readings
- Illuminated aiming reticle
- Audio tone feedback when target is obtained
- Used for volume calculations

## Greater Accuracy

- Unsurpassed range performance
- Accurately measures range, bearing and inclination of selected objects (with select models)
- Narrow beamwidth for precise targeting

## Modes of Operation

- Range with bearing\* and inclination\*
- 2 & 3 shot height
- Horizontal distance mode; Slope/grade mode
- 3 shot sag
- Horizontal and 3D line
- Area and perimeter

\* when inclinometer and compass are included

## Preferred Design

- Multiple Contour models to choose from to fit varying needs
- Heads-up display (HUD) with sighting reticle and range to target
- Ergonomically designed handle
- Compact and lightweight
- Unsurpassed target performance
- Compass (bearing) inclinometer available

## Data Transfer

- Easily integrated
- RS 232 data logging and communications
- Bluetooth (optional) with Trimble® and other devices



**Greater accuracy**

**Highly flexible**

**Superior performance**

# Contour Series Laser Range Finder



## Construction

- Rugged aluminum housing
- High impact Lexan® handle
- Durable rubber bumpers protect lenses and rear display

## Options

- Bluetooth communications
- Monocular with 8x magnification
- Yoke assembly



## Specifications

- Includes
- Max Distance
- Typical Range Performance
- Poor Weather Mode
- Inclinometer Accuracy
- Inclinometer Limits
- Inclinometer Resolution
- Bearing Accuracy
- Bearing Resolution
- Sighting System
- Acquisition Time
- Range Accuracy
- Range Display Resolution
- Wavelength
- Beam Divergence
- Output Device
- Laser Class
- Power Requirements
- External Interface
- Operating Temp
- Dimensions
- Weight

	XLR	XLRi	XLRic
Range Only	_____	+ Digital Inclinometer _____	+ Digital Inclinometer + Digital Compass _____
up to 1860 m (6102 ft)	_____	up to 1860 m (6102 ft)	up to 1860 m (6102 ft)
Typical Range Performance	800 m (2625 ft) to white building on bright, clear day; 400 m (1312 ft) to trees on bright, clear day		
Poor Weather Mode	● _____	Ignores short range reflections _____	● _____
Inclinometer Accuracy	N/A _____	+/- 0.2 degrees (0.1 typical) _____	+/- 0.4 degrees (0.2 typical) _____
Inclinometer Limits	N/A _____	0 to 359.9 degrees _____ (+/- 180 degrees from horizontal)	50 to 130 degrees _____ (+/- 40 degrees from horizontal)
Inclinometer Resolution	N/A _____	0.1 degree _____	0.1 degree _____
Bearing Accuracy	N/A _____	N/A _____	+/- 0.5 degrees (RSS) _____
Bearing Resolution	N/A _____	N/A _____	0.1 degree _____
Sighting System	● _____	Head Up display _____	● _____
Acquisition Time	● _____	0.3 seconds _____	● _____
Range Accuracy	● _____	+/- 0.15 m (6 inches) to a white target at 80 m (1σ) _____	● _____
Range Display Resolution	● _____	0.1 m (0.1 ft) _____	● _____
Wavelength	● _____	904 nm @ 200 Hz rep rate uncoded _____	● _____
Beam Divergence	● _____	3 mR _____	● _____
Output Device	● _____	NanoStack Pulsed Laser Diode _____	● _____
Laser Class	● _____	CDRH Class I _____	● _____
Power Requirements	● _____	9 - 18 VDC _____	● _____
External Interface	● _____	RS-232 Serial Port _____	● _____
Operating Temp	● _____	-30° C to +60°C _____	● _____
Dimensions	● _____	18.8 X 10.8 X 26.9 cm (7.4" X 4.25" X 10.6") _____	● _____
Weight	● _____	1.5 kg (3.3 lb) _____	● _____