

Rangefinder Specifications**Laser Locator****Laser Locator+**

Performance	25m to 1,500m at visibility 10km; theoretical maximum 2,500m	up to 4,000m at visibility 20km; theoretical maximum 6,000m
Distance accuracy	±1m	±1m (50m-2,000m); ±2m (>2,000m)
Laser	class 1, eye-safe, 860nm	class 1, eye-safe, 1,550nm
Angle measurement Azimuth (1sigma)	±0.6"	±0.6"
Compass range	0° - 360°	0° - 360°
Inclinometer (1sigma)	±0.2°	±0.2°
Inclinometer range	-45° to +45°	-45° to +45°
Display type	LED with automatic brightness control	LED with automatic brightness control
Data displayed	range, azimuth, elevation, horizontal distance, height difference, distance between two points	range, azimuth, elevation, horizontal distance, height difference, distance between two points
Distance unit settings	meters, yards, feet	meters, yards, feet
Angle unit settings	degrees, mils, gon	degrees, mils, gon
Optics Magnification	7x	7x
Objective diameter	42mm	42mm
Dimensions	226 x 178 x 82mm	226 x 178 x 82mm
Weight	1710g	1710g
Power supply	6V lithium battery type 2CR5	6V lithium battery type 2CR5
Battery lifetime	>2,000 measurements, low battery indicator	>2,000 measurements, low battery indicator
Environmental operation temperature	-35° C to +63° C / -31° F to +145° F	-35° C to +63° C / -31° F to +145° F
Waterproof	1m, 10 minutes	1m, 10 minutes
Data interface	RS232, uni directional, ASCII standard, 1200 baud Supports Leica System500 GPS, Leica FieldLink office software	RS232, uni directional, ASCII standard, 1200 baud Supports Leica System500 GPS, Leica FieldLink office software

DISTO Specifications**DISTO pro**

Accuracy	typical + 3mm/0.1 in. maximum + 5mm/0.2 in.
Range	0.3m to over 100m/0.1 ft. to over 330 ft.
Distance measuring time	0.5 to approx. 4 sec.
Tracking measuring time	0.16 to approx. 1 sec.
Units displayed	mm, cm, ft, in 1/32, in, in 1/32
0 Laser dot mm	6, 30, 60 / 0.2, 1.2, 2.4
Distance in m/ft	10, 50, 100/28, 139, 278
Save constant	9
Dimensions mm	188 x 70 x 47mm
Dimension inch	7.4 x 2.8 x 1.9 in
Weight	440g/15.52 oz.
Features	Pocket calculator Edit constant 4-line graphics display More than 3,000 measurements Splash-proof, dust-protected (IP54)
Included in package	Type AAA 4*1.5V batteries



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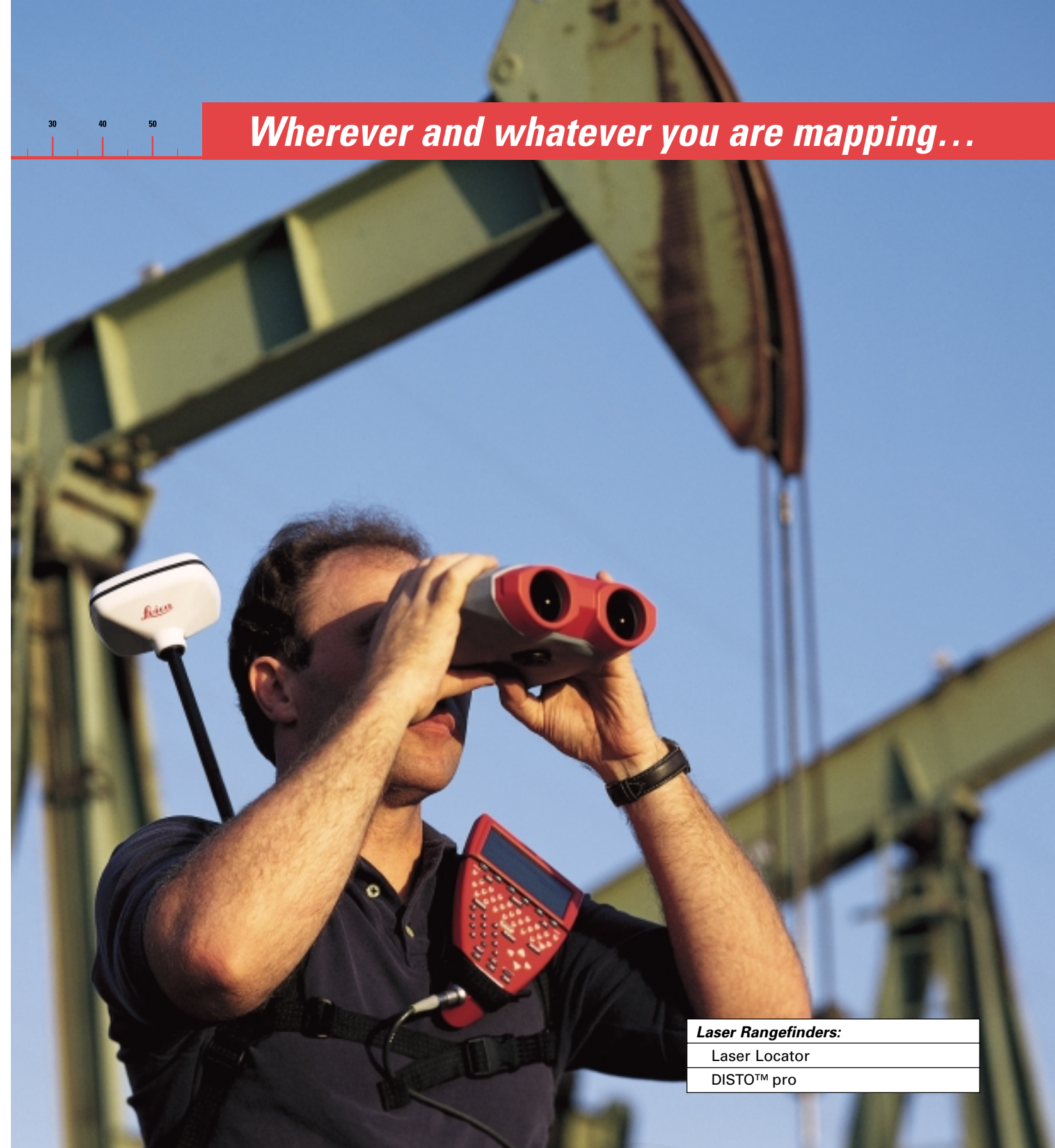
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...Laser Rangefinder solutions help
you get the job done right.



Wherever and whatever you are mapping...

Laser Rangefinders:

Laser Locator

DISTO™ pro

Leica Laser Rangefinders

Keep accurate measurement data flowing, no matter what your field.

For increased efficiency in data collection and additional capacity to accurately position objects in areas with limited GPS coverage, the Laser Locator offers the ultimate in capability and range.

Four instruments in one:



- **Binoculars**
Superb optics in a robust, water-tight, rubber-armored housing.
- **Laser Rangefinder**
Measures from 5m to over 4km (depending on model, visibility and nature of target object).
- **Digital Compass**
Displays and outputs magnetic azimuth or grid azimuth in degrees, gon or mils.
- **Inclinometer**
Displays vertical angles between -45 to +45 degrees.

Features/Benefits:



- **First class optics**
The optical performance and light transmission of the Laser Locator rival the best of the classical binoculars. With 7x magnification and 42mm objective aperture, you can observe clearly, even in poor light conditions. Unlike traditional laser rangefinders that constrain you to observe with just one eye, the Laser Locator allows you to use both eyes and reduce eye strain.
- **Efficient data acquisition**
Measured data is displayed in the field of view and can be sent via the Laser Locator's RS232 port directly to the GS50 or any RS232 device.
- **Ergonomic and robust**
Operators will appreciate the compact and ergonomic design. With a weight of 1.5kg (60 oz) and a volume of 1.91, the Laser Locator floats, should it accidentally be dropped into water.
- **Range**
The Laser Locator and Laser Locator+ have the longest range of any laser rangefinders on the market. In addition, with its ability to zoom in and precisely see the target, the Laser Locator ensures you are measuring the correct object.



The Laser Locator will substantially increase productivity when used with the GS50 by positioning remotely located objects up to 4km away. It can also be used to determine the height of objects as well as the distance between them.



The Laser Locator is extremely useful in challenging urban environments for locating building corners as well as inaccessible objects, for example rooftop infrastructure.

Applications

Leica Laser Rangefinders have been specially designed to meet the mapping and data collection needs of a variety of industries, including:



- **Urban and Municipal Government**
 - Heighting of Urban Infrastructure
 - Offset to Inaccessible Features (e.g. Rooftop Features)



- **Utilities**
 - Utility Pole Height
 - Utility Pole Distance Separation



- **Natural Resources**
 - Tree Height
 - Offset to Wider Features



- **Environmental and Scientific**
 - Measurement of Offshore Features
 - Feature Heighting

Leica DISTO™ Rangefinders

Keep accurate measurement data flowing, no matter what your field.

Features/Models:



For highly accurate, short-range offset measurement, the DISTO pro is an ideal companion to Leica GPS/GIS data acquisition tools.

- **DISTO™ pro**
This easy-to-use, hand-held laser meter is ideal for fast, accurate and reliable measurements in any situation — to over 100 meters with up to 1.5mm precision.