



KEY FEATURES

Remote measurement solution

Point-and-shoot simplicity

Lightweight and compact

Use standalone or with a GNSS handheld

EXTEND YOUR REACH WITH HIGH-ACCURACY MEASUREMENT OF ANY LOCATION

Take the guesswork out of field work. The Trimble® LaserAce™ 1000 rangefinder lets you capture remote measurements in situations where previously it would be impractical or unsafe to do so. Now you can capture the measurements you need in seconds from a safe, convenient location—increasing productivity and efficiency.

A comprehensive measurement tool, the LaserAce 1000 rangefinder combines a laser distance meter, digital inclinometer, and sighting scope. Complete with Bluetooth® wireless technology, remote data is automatically integrated into GNSS workflows for a wide range of mapping and GIS applications.

Easy-to-use

Any user—from novice to expert—can start taking offset measurements immediately. This compact and lightweight handheld device provides simple point-and-shoot simplicity to quickly and accurately measure range, height, and slope of passive targets up to 150 meters (500 feet) away.

A large, backlit LCD allows simple navigation between measurement modes and instant verification of measurements recorded.

Powerful standalone measurements

With the LaserAce 1000 rangefinder, accurate measurements can be captured in hard-to-reach or inaccessible places—situations where the traditional alternative is estimation. A wide variety of applications benefit from the ability to calculate height and distance, such as determining clearance of power lines or between trees and buildings.

From a single location, users can record offsets to multiple targets, providing an efficient means of measuring distant objects to save time and cost, and increase productivity.

Combine with GNSS handhelds

Using Bluetooth wireless technology, the LaserAce 1000 rangefinder wirelessly transmits measurements to Trimble GNSS handheld computers, which are then seamlessly merged with current GNSS positions. As part of the Trimble family of field data collection solutions, the LaserAce 1000 rangefinder is fully compatible with Trimble Mapping & GIS field and office software for smooth integration into existing workflows.

The LaserAce 1000 is the only rangefinder that can capture a point feature with just one shot by integrating seamlessly with Trimble QuickPoint™ data collection mode in Trimble TerraSync™ software—a fast and effective way to capture features of the same type. Simple to learn and use, QuickPoint mode saves field workers time collecting position and attribute information for repetitive features with fast one-click operation of a LaserAce 1000 rangefinder.

By providing offset measurements, the LaserAce 1000 rangefinder makes it possible to remotely gather high-accuracy measurements of any location—next to buildings, under dense canopy, and even indoors, for precise mapping of all assets. Simply stand at a location with good GNSS coverage and with the click of a button remotely gather the location of objects in areas without GNSS coverage. The same workflow gives you a practical alternative to measuring objects in hazardous or inaccessible areas, such as points on a busy roadway or on the far side of a stream or fence.

Industry solutions

For those working in forestry or mining your needs are met with industry-specific software variants for the LaserAce 1000 rangefinder:

- The Hypsometer software version helps foresters easily and efficiently measure tree height, diameter (at any height), simple or 'taper' log volumes, and tree lean.
- The Burden Finder software version allows the input of basic drilling parameters (drill angle, collar-crest distance and required minimum burden) and enables you to accurately determine rock face and blasthole burdens in 3 easy steps

Measurement without barriers

A powerful data collection tool by itself and an ideal complement to Trimble GNSS workflows, the Trimble LaserAce 1000 rangefinder puts the power to measure remotely in the palm of your hand.





TRIMBLE LASERACE 1000 RANGEFINDER

STANDARD FEATURES

System

- Laser distance meter
- Digital compass
- Digital inclinometer
- Sighting scope with stadia hairs
- LCD graphics display
- Bluetooth version 2.0 wireless technology

Standard Accessories

- Hand strap kit
- Carry pouch and strap
- Rechargeable Li-Ion battery
- AC power supply with international adaptor kit
- External battery charging base and adaptor plate

Optional Accessories

- Replacement Li-Ion battery
- Replacement external battery charger with AC power supply
- Vehicle Power Supply, 12V
- Range pole bracket

TECHNICAL SPECIFICATIONS

Physical

Size 110 mm x 100 mm x 50 mm (4.33" x 3.94" x 1.97")
 Weight 464 g (1 lb) with battery
 Battery 1100 mAh rechargeable Lithium-Ion, 7.2V
 Mount monopod/tripod (1/4 in-20 female thread)

Environmental

Temperature
 Operating -10°C to +45°C (+14°F to +113°F)
 Casing Dust proof and water resistant per IP63 standard

Laser

Eye Safety Class 1 Eye Safe Laser distance meter (IEC / FDA)
 Optics 5x magnification
 Passive range up to 150 m/ 500 ft
 Range to reflector 600 m/ 1970 ft
 Accuracy 10 cm / 4"¹
 Resolution 1 cm / 0.4"
 Measurement time 0.3 seconds

Compass

Heading accuracy2^o
 Resolution0.1^o

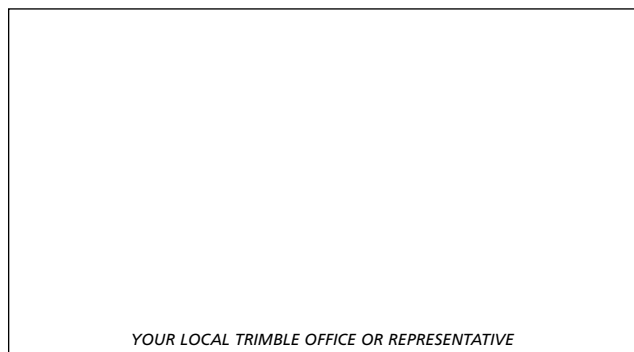
Inclinometer

Range -70° to + 70°
 Accuracy0.2°
 Resolution0.1°

¹ Typical accuracy at +20°C (+68°F), unit level, and 75 m (250 ft) distance from Kodak grey target.
² Typical at level and in the absence of interference from local magnetic fields.

Specifications subject to change without notice.

© 2011–2012, Trimble Navigation Limited. All rights reserved. Trimble and the Globe & Triangle logo are trademarks of Trimble Navigation Limited, registered in the United States and in other countries. LaserAce, QuickPoint, and TerraSync are trademarks of Trimble Navigation Limited. The Bluetooth word mark and logos are owned by the Bluetooth SIG, Inc. and any use of such marks by Trimble Navigation Limited is under license. All other trademarks are the property of their respective owners. PN 022501-265C (01/12)



YOUR LOCAL TRIMBLE OFFICE OR REPRESENTATIVE

NORTH & SOUTH AMERICA

Trimble Navigation Limited
 10355 Westmoor Drive
 Suite #100
 Westminster, CO 80021
 USA
 +1-720-587-4574 Phone
 +1-720-587-4878 Fax

EUROPE & AFRICA

Trimble Germany GmbH
 Am Prime Parc 11
 65479 Raunheim
 GERMANY
 +49-6142-2100-0 Phone
 +49-6142-2100-550 Fax

ASIA-PACIFIC & MIDDLE EAST

Trimble Navigation
 Singapore PTE Limited
 80 Marine Parade Road
 #22-06 Parkway Parade
 Singapore, 449269
 SINGAPORE
 +65-6348-2212 Phone
 +65-6348-2232 Fax



www.trimble.com
store.trimble.com