

PRODUCT OVERVIEW

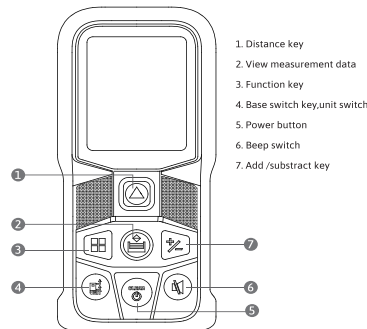
This laser rangefinder is a high protection level handheld laser distance meter. Fashionable appearance design, hard shell, stable and compact internal structure, high appearance and durable. The digital display screen can easily read the data. There are many measurement modes to meet the needs of most people and provide a high-quality measurement experience.

SAFETY INSTRUCTIONS

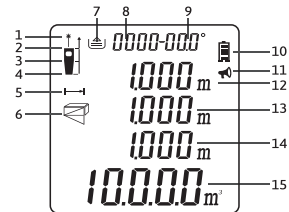
This product contains a laser emitter. Do not aim at others when using, avoid looking directly at the laser beam through the optical lenses as it may cause injury. This product complies with relevant laser safety standards.



PRODUCT APPEARANCE



DISPLAY SCREEN



1. The laser is turned on
2. Baseline (front)
3. Baseline (tripod)
4. Baseline (back)
5. Enter the distance measurement interface
6. Area/Volume/Pythagoras
7. Data storage icon
8. Data storage
9. Angle
10. Battery status
11. Buzzing
12. Display Angle Value
13. Second display / minimum value display line
14. Third display line / maximum display line
15. Main display / Final measurement data / Calculation results

BASIC SETTINGS

1.ON/OFF

Turn on/off the instrument by pressing the CLEAR power button. In the powered-on state, if no operation is performed within 3 minutes, the machine will automatically shut down.

2. Return/Clear key

Short press button to return or delete data

3. Measurement units

The default data unit used in this machine measurement is m, which can be switched to m/ft/in/ft+in

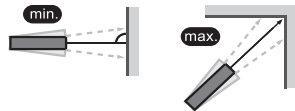
OPERATION DECLARATION

1. Single measurement

After starting up, it will enter the single measurement mode by default. After selecting the measurement position, press the distance key and the current measurement data is displayed in the main display line.

2. Continuous measurement

Long press the distance key to enter continuous measurement mode . After moving the instrument to the left or right or up or down, press the measurement key to stop the measurement. The current measurement value is displayed at the bottom of the screen. MIN is the minimum measurement value and MAX is the maximum measurement value. Select the maximum or minimum value according to actual needs.



3. Unit switching

Long press key to enter the unit switch mode. The unit is default m, which can be switched to m/ft/in/ft+in.

4. Benchmark switching

Short press the key to switch the baseline



5. Add/subtract function

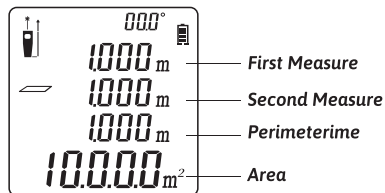
Addition: Short press button

Subtraction: Long press button

When measuring distance/area/volume, press the key will continue measure a distance/area/volume and add/subtract it from the current measurement. All addition/subtraction functions can be repeated as needed.

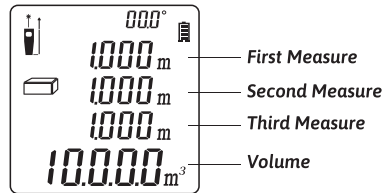
6. Area measurement

Press to select the area measurement mode . According to the flashing edge prompt, press the distance measurement key to measure the distance (length) of the first edge and press the distance key the distance (width) of the second edge is measured, and the area calculation results are displayed in the main display line.



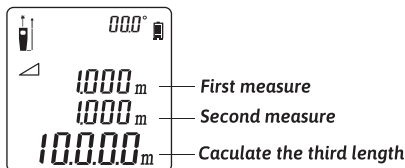
7.Volume

Press button to select the volume measurement mode . According to the flashing edge prompt, press the distance measurement key to measure the distance (length) of the first edge and then measure the distance key to measure the distance of the second edge (width), and press the distance key . The distance of the third edge (height) is measured, and the volume calculation results are displayed in the main display line.



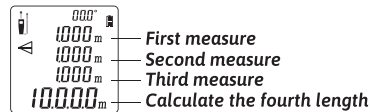
8.One pythagorean measurement

Press to select the one-time pythagorean measurement mode . According to the flashing edge prompt, press the distance measurement key to measure the data of the first oblique side, move to a fixed point in the direction perpendicular to the measurement target, and press the distance key to measure the data of the second edge, the calculation results are shown in the main display line.



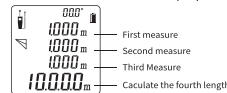
9. Measure for the second time the Pythagoras model 1

Press Key to select the second Gougu measurement mode . Aim the laser at the first point of the measurement target and press the distance key to measure the first oblique side data, move to a fixed point in the direction perpendicular to the measurement target, and press the distance key . Measure the data of the second edge, and the fixed-point moving rangefinder was aligned to the second point of the measurement target, Press the distance key to measure the third side of the triangle and calculate the results in the main display line.



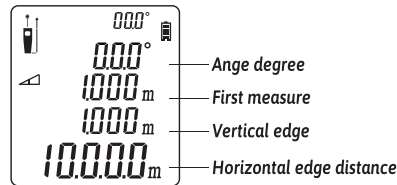
10.Measure for the second Pythagoras mode 2

Press key to select the second Pythagoras mode 2 . Aim the laser at the first point of the measurement target and press the distance key to measure the data of the first oblique side, move to a fixed point in the direction perpendicular to the measurement target, and press the distance key to measure the data of the second edge, and point the mobile distance meter to the second point of the measurement target, and press the distance key . The third side of the triangle is measured and the calculation results are displayed in the main display line.



11. Automatic level measurement

Press  ,
Select automatic level measurement mode According to the flashing edge prompt, press the distance measurement key  ,
The distance of the hypotenuse use, the vertical distance and the horizontal distance can be obtained, which are displayed on the screen from top to bottom.



12. Data storage

Enter  Data storage mode, press the distance key  to perform the numbers Presskey  exit.

TECHNICAL PARAMETER

1 Range:
The range data is based on the default reference; the maximum range will vary according to different models, and the actual range can be found in the packaging of the machine.
2 Accuracy ("D" indicates the measured distance):
Under good measurement conditions (good measurement surface, room temperature, indoor lighting, etc.), the rated range can be reached. Under bad measurement conditions, such as too strong light, weak reflection of the measured surface or too large temperature difference, the error will increase.
3 . Angle measurement accuracy:
0.1° is the error caused by temperature, D is +/- 0~45°,
For example, the error at room temperature is +/- 0.3°, and the error at 45° degrees is +/- 0.85°

Tip: Use a sighting board or a better reflective surface in daylight or when the target does not reflect well

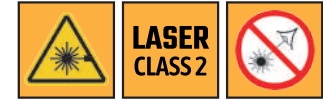
TECHNICAL PARAMETER

Range(m) ①	0.2~60M
Accuracy (mm) ②	± (2mm) +5x10 ⁻⁵ D
Single measurement	✓
Continuous Measurement	✓
Area survey	✓
Volume Measurement	✓
One trigonometric measurement	✓
Measure for the second time ①	✓
Measure for the second time ②	✓
Automatic level measurement	✓
Addition and subtraction	✓
Buzzer Switch	✓
Angular transducer	✓
Accuracy of Angle measurement	±(0.3°+0.1°+0.01°D)
Measurement data saved	20 groups
Baseline	Front/Rear/Tripod Benchmark
Unit switching	m/ft/in/ft+in
Auto shut off	180S
The laser automatically shutdowns	30S
Laser grade	Class 2
Laser Type	630~670nm, <1mW
Battery Type	Three 7th batteries
Working temperature	0 °C to +40 °C
Machine size	117*54*29mm
Machine weight	105g

CAUSE OF FAILURE AND CORRECTIVE

All information is displayed as code or "Error", and the following code is displayed along with its explanation and corresponding solution.

Code	Cause	Corrective measure
204	Calculation error	Follow manual and re-operate
208	Current exceeds the standard	Please contact our distributor
220	Low battery	Please replace the battery
252	Temperature too high	Let device cool down to operating temperature between 0°C and 40°C
253	Temperature too low	Warm up the operating temperature
255	Received signal too weak or measurement time too long	The reflective surface should be more reflective, or use target plate, white paper, etc.
256	Received signal too strong	Target too reflective (use target plate or do not aim at strong light objective)
261	Range of measurement exceed	Select the measurement distance within the range of measurement
500	Hardware error	Switch on/off several times. If it still doesn't work, please contact your distributor.



Nie patrzeć bezpośrednio w wiązkę. Do not stare into the beam.
Długość fali (wavelength): 630~670nm, Moc optyczna(power): <1mW

Dystrybutor na terenie UE (Distributor in the EU):
ROLMAR Trade Sp. z o.o., ul.Kobialka 6, 09-411 Płock
tel.:(24) 362 30 01,e-mail:sekretariat@rolmar.pl



TEGER
LASER DISTANCE METER
WITH ANGLE MEASUREMENT

T-W-DL001



PRODUCT MANUAL
ENGLISH

Please read this instruction carefully before use
Please keep the instruction manual for future reference