sisco

SISCO-LDM-NF2716

Mini Laser Distance Meter User Manual

ORIGINAL AUTHENTIC

Patented products, Counterfeiting not allowed

Please read and understand the safety precautions before using or maintaining the equipment.

- Do not open or repair the instrument in any way. It is strictly prohibited to illegally modify or change the performance of the laser transmitter of the instrument. Please keep the instrument properly and do not place it in the place where children can reach it.
- Do not use the instrument laser to illuminate your own or other people's eyes and other parts of the body, and do not shine the laser on the surface of highly reflective objects.
- The electromagnetic radiation of the instrument may cause interference to other equipment and devices. Please do not use the instrument near aircraft or medical equipment, and do not use the instrument in flammable and explosive environments.
- Dispose of discarded batteries and instruments in accordance with your local laws and regulations.
- When the battery symbol blinks, charge it in time.

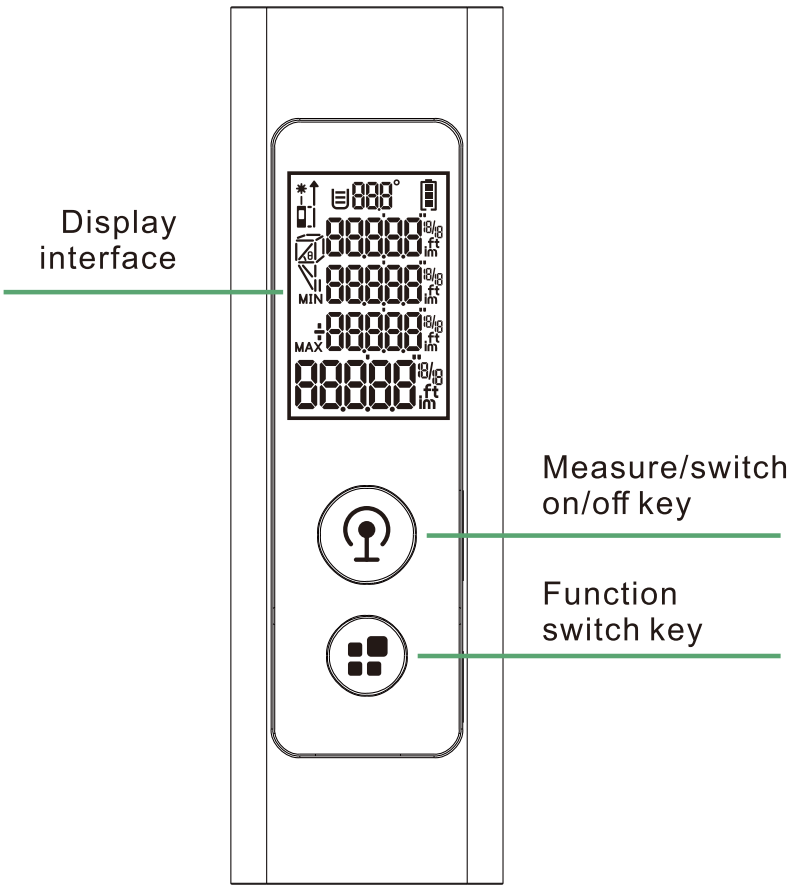
sisco

Table of Contents

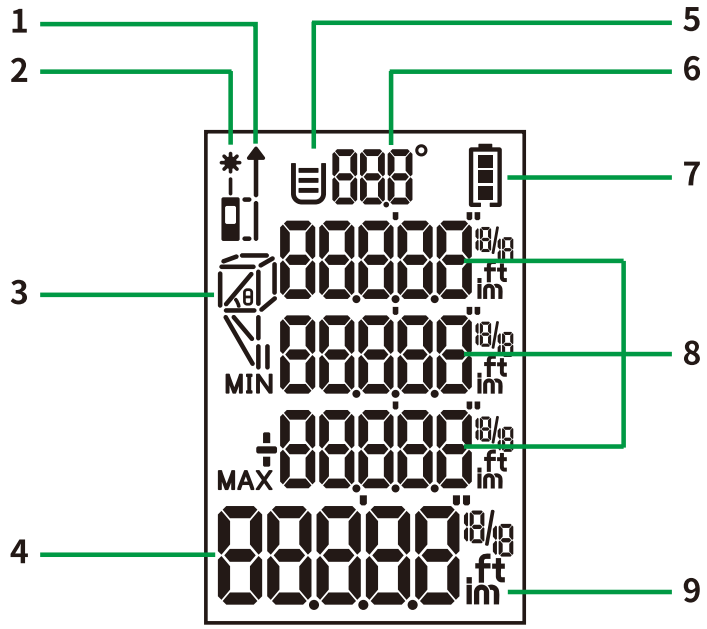
Overview

The Mini Laser Distance Meter can measure distance, length, height, spacing, and calculate the area and volume.

There are also hook measurement, record preservation and other functions. This measuring instrument is suitable for indoor and outdoor measurement work.

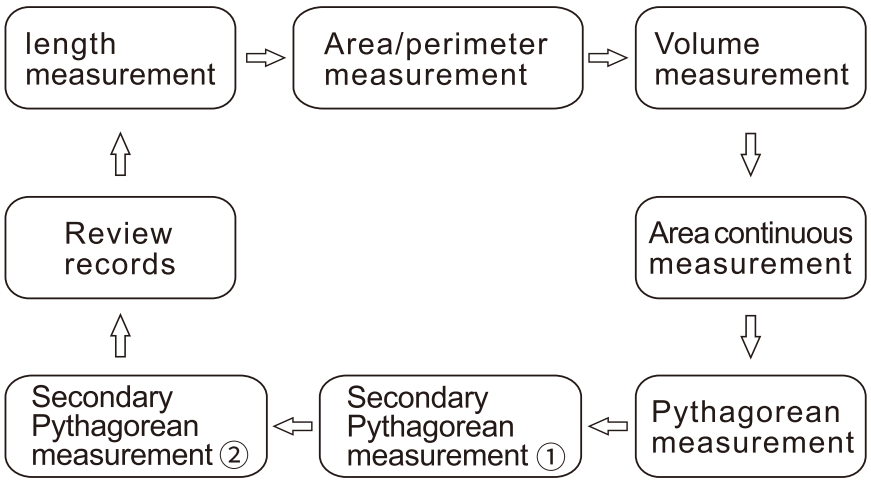


1.Display interface



1	Before and after the base indicator	6	Store quantity and Angle display area
2	Laser on indicator	7	Battery level
3	Area/volume/hook gauge indicator	8	Auxiliary display area
4	Main display area	9	Unit indicator
5	Data storage indicator		

2.Product function



3.Use method

3.1 Turn on&off

Power on: Press and hold for 2 seconds" " to power on.

Shutdown: Press and hold again for 5 seconds " " to shut down.

3.2 Single measurement

Tap to turn " " on the laser, and tap again " " to measure.

3.3 Continuous measurement

Long press " " for 2 seconds to enter the continuous measurement mode and display the maximum and minimum values;
In continuous measurement mode,short press " "or press " " to stop continuous measurement.

3.4 Area/perimeter measurement

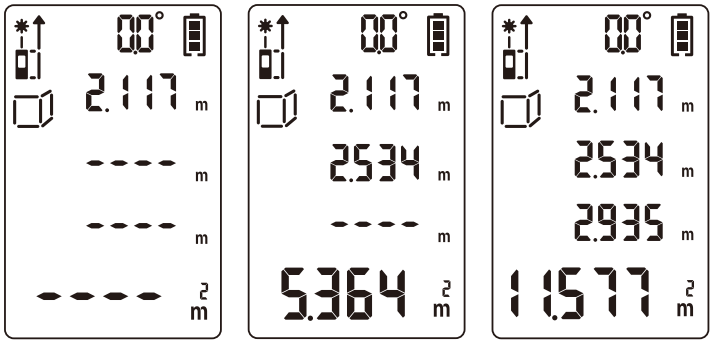
Under area & circumference measurement, press " " to measure the length and width of the area,the result will display the circumference on the third line and the area data display on the last line.

3.5 Volume measurement

Under volume measurement,press " " to measure the length,width,height,the result will display on the screen.

3.6 Area continuous measurement

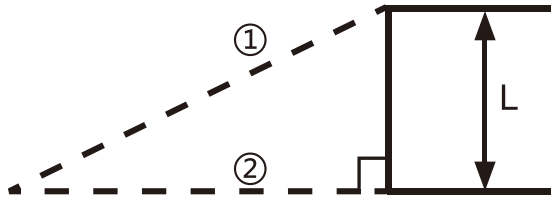
Under Area continuous measurement,press " ⏻ " to measure the height of the wall,press " ⏻ "to measure the width ① of the wall①, the result will display the area of wall ①;
Press “Meas” to measure the width ② of the wall ②, the result will display the area of Wall ②,and so on,the sum of the area is the height x (width ①+width②+width③+……+width N)



① ② ③

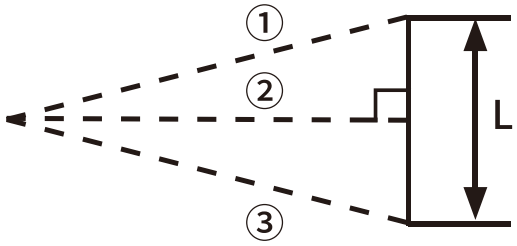
3.7 Pythagorean measurement

Under Area continuous measurement,press " ⊞ " to enter first Pythagorean measurement, press " ⏻ " to get ①&② values,it will work out the height “L” on the screen.



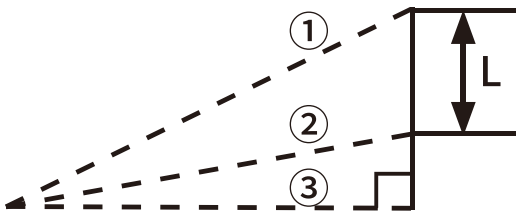
Secondary Pythagorean measurement ①

Under the first Pythagorean measurement, press " ⊞ " to enter the second Pythagorean measurement. Press " ⏻ " to get ①,②&③ values,it will work out the height “L” on the screen.



Secondary Pythagorean measurement ②

Under the second Pythagorean measurement①, Press " ⏻ " to get ①, ②&③ values,it will work out the height "L" on the screen.



3.8 Review records

Under the secondary hook measurement ②, press the " ⊞ " key once to enter the historical record review; Press and hold down the " ⊞ " + " ⏻ " key combination for 3 to 5 seconds to delete history records. Press the " ⊞ " key to exit.

3.9 Unit switch

At the same time, press the combination key " ⊞ "+" ⏻ " to switch units.
(0.000m→0.00m→0.00ft→0'00''→0.0in→0in)

sisco

3.10 Baseline switch

Press and hold function keys. Press and hold for 2 seconds " ⊞ " to switch the baseline. Top base and bottom base

3.11 Self-calibration

In the off state, long press the " ⏻ " key for 5 seconds to turn on the instrument, enter the self-calibration mode, adjust the distance offset, and adjust by short press" ⊞ ", the range is -9~9mm; Press the " ⏻ " to save and shut down.

sisco

4. Technical parameters

Product model	NF-276L
Range	50 M
Range accuracy	±1.5mm(d*0.005%)
Screen Type	VA display
Laser type	620-670nm,<1mW
Laser level	Class II
Laser off	No operate 30 seconds
Automatic shutdown	No operate for 2 minutes
Single measuring	√
Continuity measuring	√
Max/Min	√
Area survey	√
Girth measurement	√
Volume measurement	√
Wall area survey	√
Pythagorean measuring	√
Secondary Pythagorean measurement ①	√
Secondary Pythagorean measurement ②	√
Unit switch	M/ft/in/ft+in
Benchmark switch	Front/end benchmark
Review records	50 groups
Electron Angle	√
Operating temperature	0°C~40°C
Storage temperature	-20°C~60°C
Battery type	320mAh lithium battery
Dimension	98*30*19mm

5.Packing List

1	Device	1pc
2	Giftbox	1pc
3	User manual	1pc
4	Certification	1pc
5	Lanyard	1pc

Note: The instruction manual is for reference only, subject to change without prior notice, the product shall prevail.

6.Error reasons and solution

Code	Reason	Solution
203	High or low temperature	Measure at the required temperature range
220	Low battery	Replace new battery
254	Wrong calculate	Measure again in correct operation
255	Weak signal	Test strong reflection ablility of target
256	Strong signal	Don't measure under strong light
257	Out of measure range	Measure within the range
300	Harware error	Restart, or contact dealer if it happens again