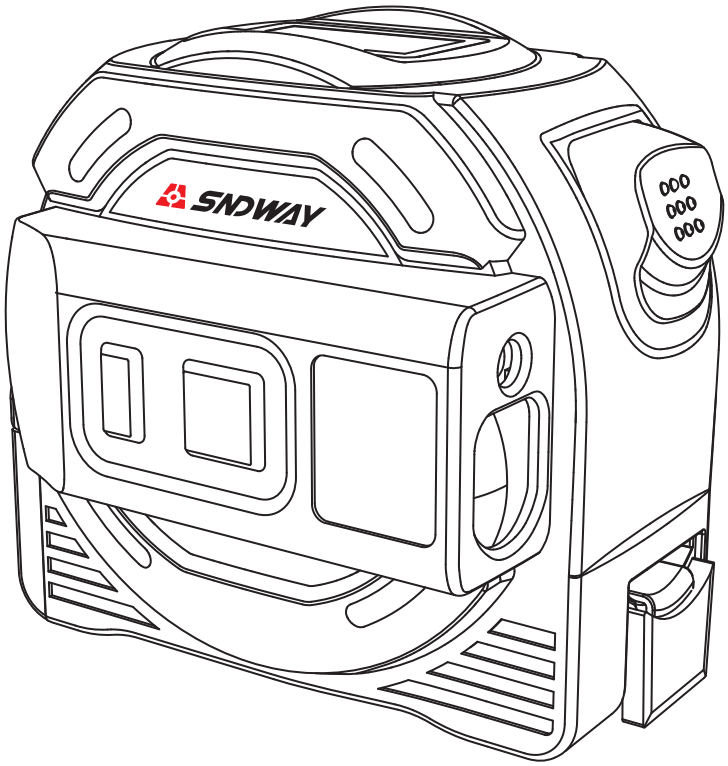
SNDWAY

手持激光测距卷尺
Laser Distance Tape

用户手册
User's Manual



SW-TM40 SW-TM60

中文 ----------01-09

English ----------10-15

用 户 须 知

- 本手册详细介绍了产品的使用方法、注意事项以及相关事项，在使用产品之前，请详细阅读手册，以便发挥产品的最佳效能。

- 不要在易燃、易爆的环境中使用仪器。

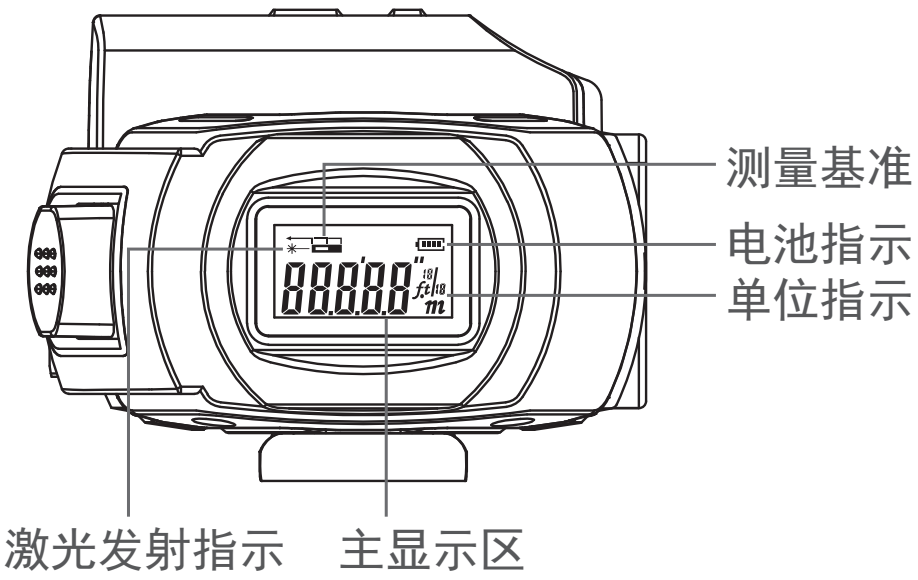
- 报废的仪器不可与生活垃圾一同处理，请按国家或者当地的相关法律规定处理。

- 仪器出现任何的质量问题，或对使用仪器有任何疑问时，请及时联系当地经销商或深达威厂家，我们将第一时间为您解决。

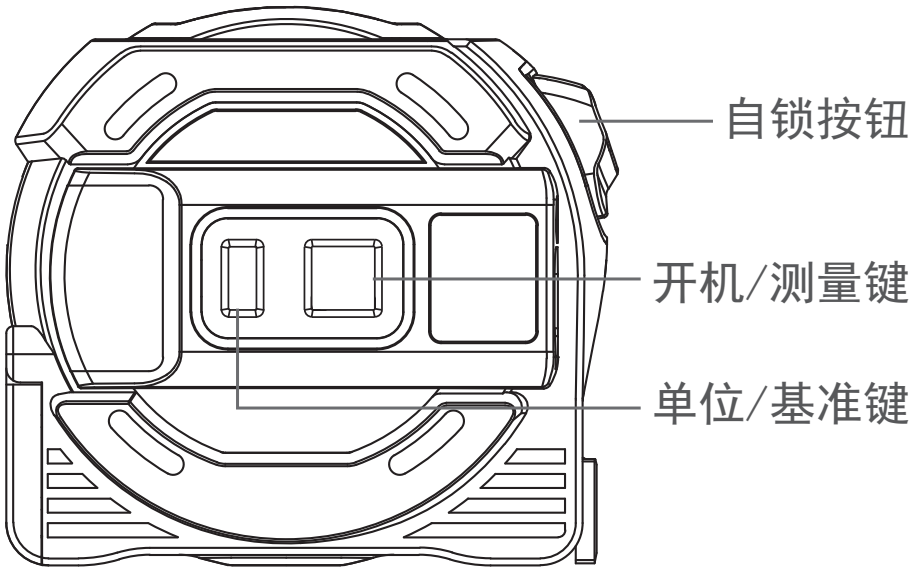
专业铸造品质　品质成就品牌

产品说明

● 显示屏



● 按键



基本操作

1 > 启动仪器和关闭仪器

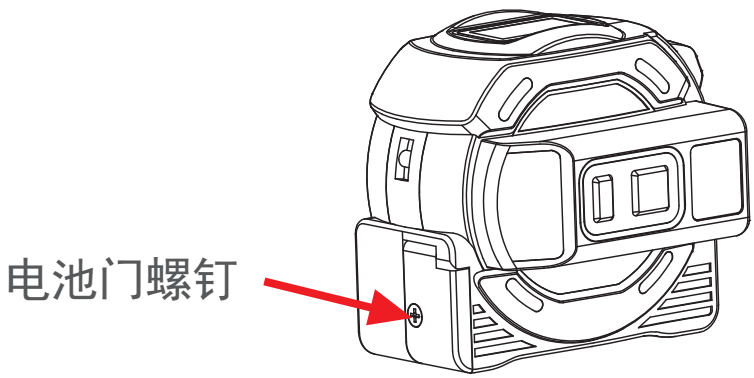
在关机状态下，按 READ 键，激光和仪器同时启动，仪器进入待测模式。

本仪器为自动关机，150秒无操作自动关机。

2 > 更换电池

仪器电量充足时屏幕显示 图标，电量低时显示 图标，若屏幕 图标闪烁显示，表示电量不足，请用户及时更换电池。

更换电池方法：



- 用螺丝刀扭出仪器背部电池门螺钉，打开电池门
- 请按极性指示正确放入电池，关闭电池门，并上紧螺丝钉
- 仪器只能使用1. 5V AAA碱性电池，长期不使用仪器，请取出电池，以避免电池腐蚀仪器主机

3 > 基本测量

a. 单次测量

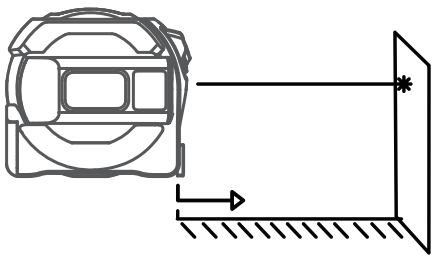
在待测模式下，按 READ 键启动激光，锁定测量点，再按 READ 键进行单次距离测量，测量结果显示在主显示区。

b. 连续测量

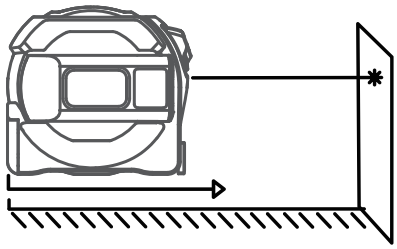
在待测模式下，长按 READ 键，进入连续测量状态，主显示区实时显示当前测量值，短按 READ 键退出连续测量。

4 > 测量基准设置

短按 UNIT 键进行设计前端基准和末端基准的相互转换，系统默认为末端基准。



前端基准测量



末端基准测量

5 > 单位设定

长按 UNIT 键，进行测量单位设定，可重置当前单位，仪器提供了6种单位可供选择。

测量单位：

序号	长度单位
1	0.000m
2	0.00m
3	0.0in
4	0.00ft
5	0 1/16 in
6	0'00"1/16

6 > 关机功能

同时长按 UNIT 和 READ 键，仪器关闭。

7 > 自助校准功能

为保证仪器精确度，提供了自助校准功能。

校准方法：在关机状态下，持续按住 UNIT 键，再按 READ 键开机，松开 READ 键，直到屏幕出现“CAL”，进入自助校准模式。

此时用户可根据仪器的误差用 UNIT 对这个数值进行调整。调整范围为-9～9mm。

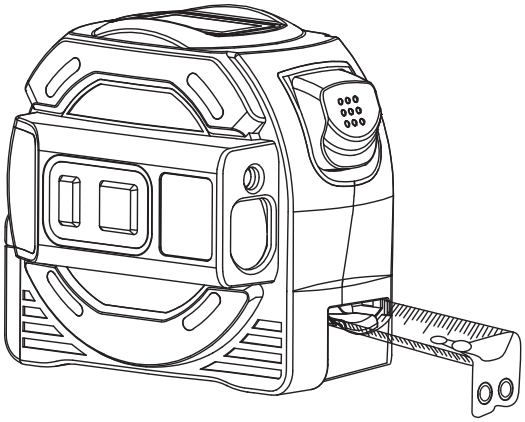
调整完毕后，按 READ 键保存校准数据。

注：UNIT键只能上调校准值，当数值等于9再按UNIT键上调，校准值会变为-9，校准数值是-9～0～9～-9循环显示的，用户可根据自己的要求选择合适的校准值。

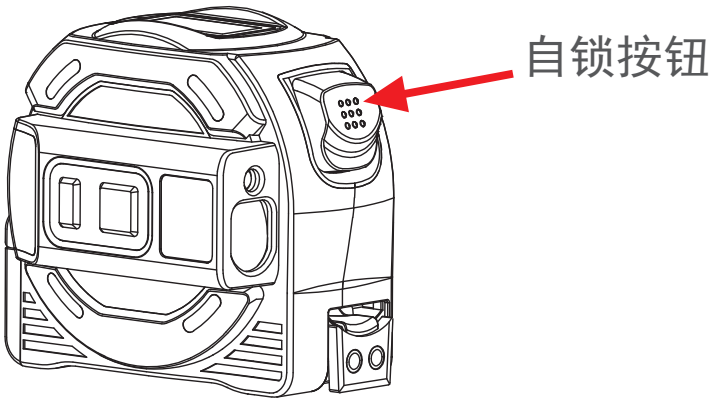
功能描述

● 自锁功能

尺带拉出，自动锁定，避免回弹伤手。



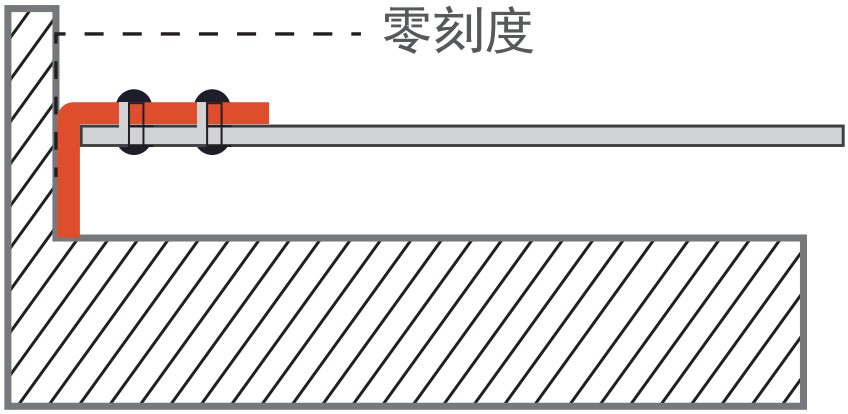
按压后，尺带自动回收。



● 活动尺钩（带磁铁）

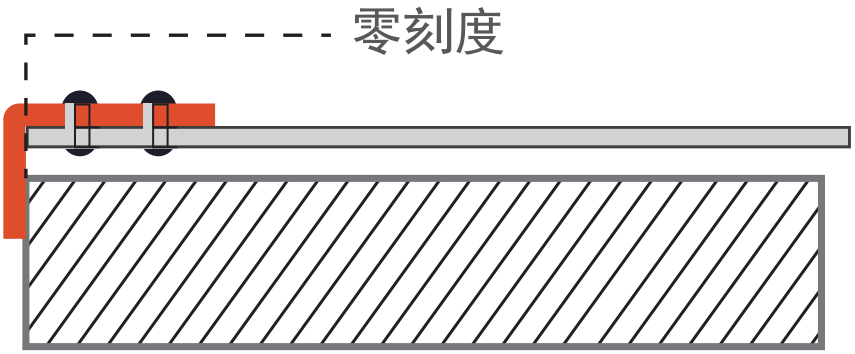
测量方法一：顶量

尺钩是活动的，顶住测量体测量，尺钩右移去掉尺钩误差，以尺钩顶端为0点。



测量方法二：钩量

扣住测量体测量，尺钩左移去掉尺钩误差，以尺钩底端为0点。



技术参数

● 激光测距仪参数

项目	SW-TM40	SW-TM60
最大测量距离	40m	60m
距离测量精度	±(2mm+D/10000)*	
精度自助校准	有	
连续测量功能	有	
测量单位选择	m/in/ft	
声音提示	有	
激光类型	2级630-670nm <1mW	
自动切断激光	20秒	
自动关机	150秒	
最大电池寿命	8000次（单次测量）	
存储温度范围	-20°C−60°C	
工作温度范围	0°C−40°C	
存储湿度	20%-80% RH	
使用电池	2x1.5V AAA	
外形尺寸	85.3x79.3x58.8mm	

* “D”表示实际距离
** 在恶劣环境下如:阳光过于强烈。环境温度波动过大，反射面反射效果较弱，电池电量不足的情况下测量结果会有较大的误差，此种情况配合目标反射板使用效果更佳。

● 钢尺参数

项目	
最大测量距离	5m
最小刻度	1mm
尺带宽度	19mm
尺带厚度	0.16mm
单位	公英制
尺带材质	65锰钢
尺钩	活动带双面磁铁
自锁功能	有

装机清单

购买时请按下列清单认真检查仪器所有附件是否完整？

项目	名称	单位	数量	备注
1	主机	台	1	
2	彩盒	个	1	
3	说明书	本	1	
4	保修合格证	张	1	
5	挂绳	条	1	
6	AAA电池	节	2	
7	螺丝刀	把	1	

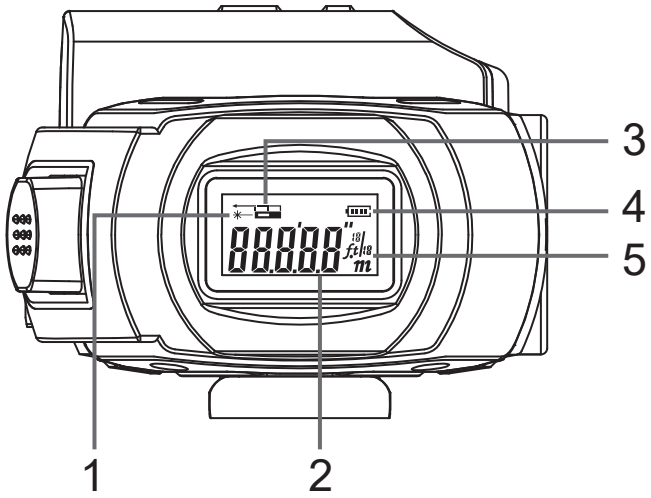
Safety regulations

Please read the safety regulations and operation guide carefully before operating.

- **Please read all of the operational guide and safety regulations in this manual before operation . Improper operations without complying with this manual guided could cause damage to the device, influence on measurement result or bodily injury to the user.**
- **The instrument is not allowed to disassemble or repair in any ways. It is forbidden to do any illegal modification or performance change for laser emitter. Please keep it out of reach of children and avoid using by any irrelevant personnel.**
- **It is strictly prohibited to shoot eyes or other parts of body with the laser; it is not allowed take the laser to shoot any objects' surface with strong reflecting.**
- **Due to electromagnetic radiation interference to other equipment and devices, please don't use the meter in the plane or around medical equipment, don't use it in inflammable, explosive environment.**
- **Discarded batteries or meter device shall not processed just like household garbage, please handle them in line with related law and regulations.**
- **Any quality issues or any questions on the meter, please contact local distributors or manufacturer in time, we are ready to offer solutions for you.**

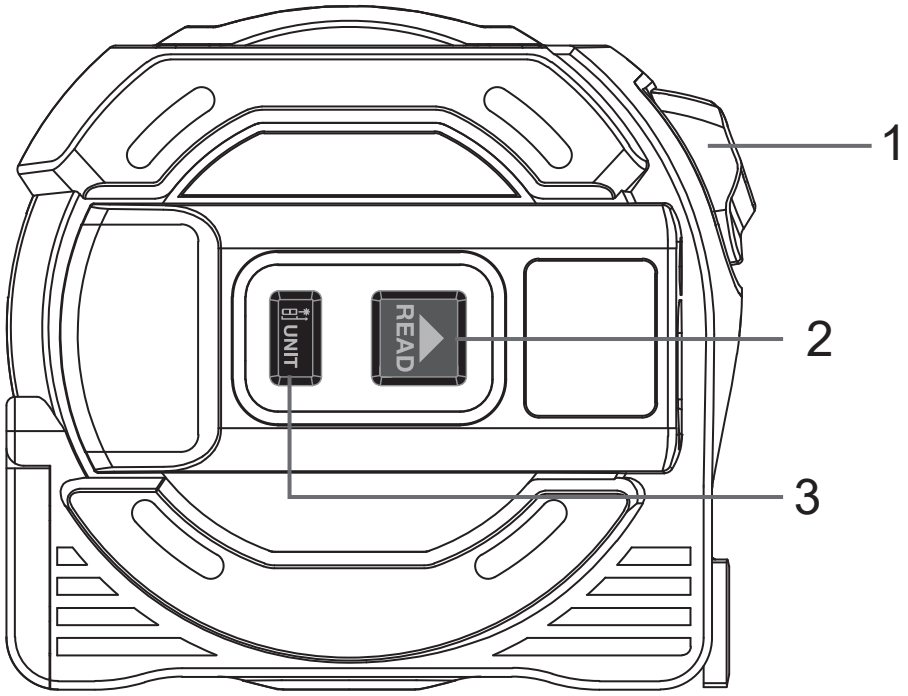
Professional casts quality and good quality gets reputation

Display Screen



1. The indicator of Laser emission
2. The main Display Screen
3. Measurement standards
4. The indicator of Battery
5. The indicator of unit

Button



1. Self-locking button
2. Power on button/Measuring button
3. Unit button/Reference Button

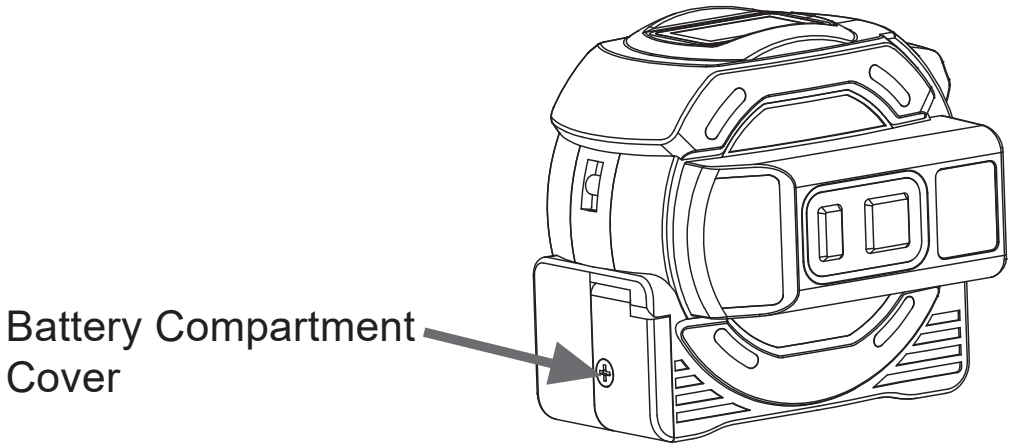
Brief Operation

1. Power on / Power off

Press the key READ to switch the meter ON. Long press the key READ and UNIT 3 seconds at the same time to power off the device.The meter will automatically turn off after 150 seconds if without any operation.

2. Battery Installation

When the instrument is fully charged, is displayed on the screen. When the battery is low, is displayed. If the screen icon is blinking, Please replace the battery promptly.
The instruction to replace the battery



- Use a screwdriver to unscrew the battery cover
- Please insert the battery correctly, then screw the battery cover and tighten the screw
- The instrument can only use 1.5V AAA alkaline batteries. If you do not use the instrument in a long time, please take down the battery to avoid battery that corrode instrument.

3. Measurement

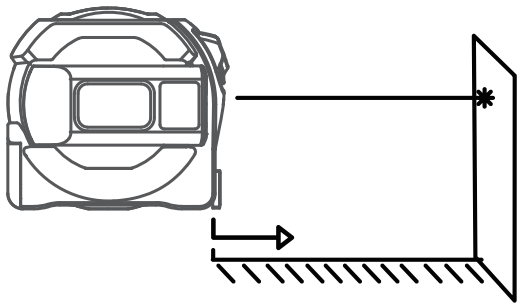
A.Single Distance Measurment:
Press the READ key to turn the meter on,Aim at the target and press READ key again to get the distance. The reading will be displayed the screen.

B. Continuous Measurement:

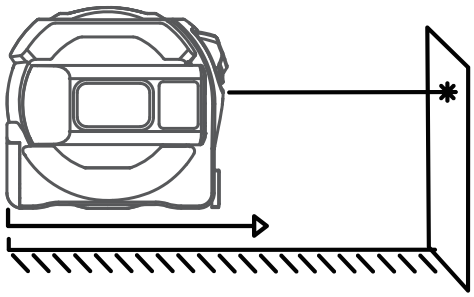
Long press button READ under measuring mode and enter into continuous measuring mode. The real-time measurement will displays on the screen. Short press the READ key to exit continuous measuring mode.

4. The Measurement of Reference Plane

Short press UNIT to convert the front reference and the end reference, the system defaults to the end reference.



The front reference



The end reference

5. The Set of the Unit

Long press UNIT to set the measurement unit and you can reset the current unit. The instrument provides 6 kinds of units to choose.

Units of measurement

Number	Length unit
1	0.000m
2	0.00m
3	0.0in
4	0 1/16in
5	0'00"1/16
6	0.00ft

6. Self-calibration Function

Calibration method: In shutdown mode, press UNIT the key, and then press READ to boot, release READ until "CAL" appears on the screen, then enter the self-calibration mode.
During such mode, the user can adjust the value according to the error of the instrument. the range of adjustment -9 ~ 9mm. After adjustment, press READ to save the calibration data.
Note: Press UNIT to adjust the value that you need.

Function

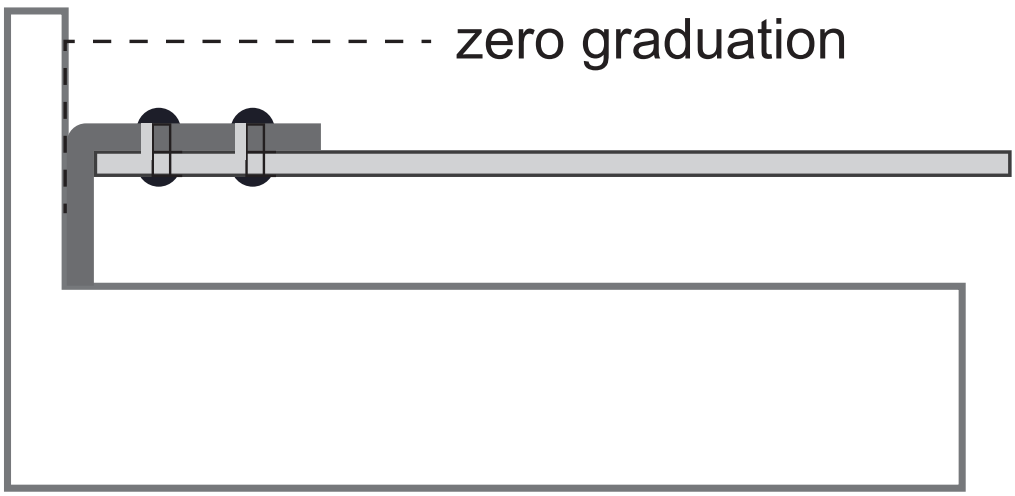
1. Self-locking function

When pull out of the tape, it will lock automatically. Press the self-locking button and the tape will be retractable.
Note: In order to avoid cutting fingers, tape recovery speed should not be too fast.

2. Foot hook (with magnet)

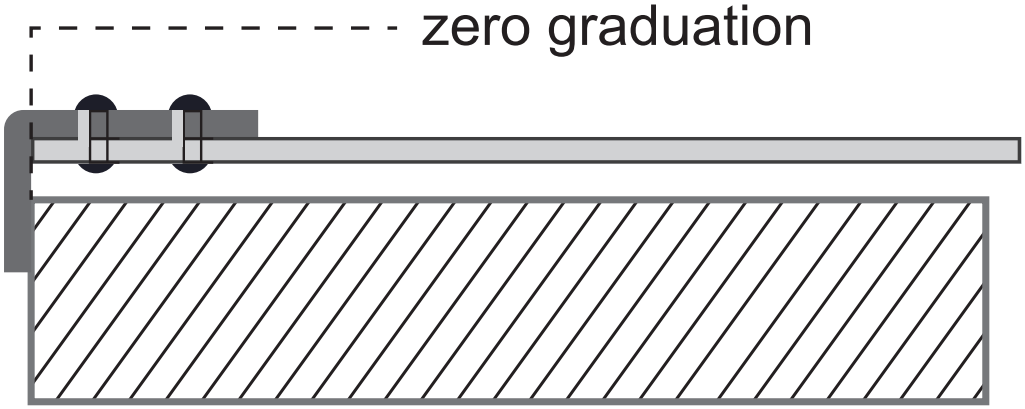
The method 1： The Measurement with the Top Most

Ruler hook is adjustable.Please withstood the measurement of body to adjust to the top of the hook to 0



The method 2： The Measurement with Hook

Buckle the body measurement to measure, and adjust the bottom of the hook to 0.

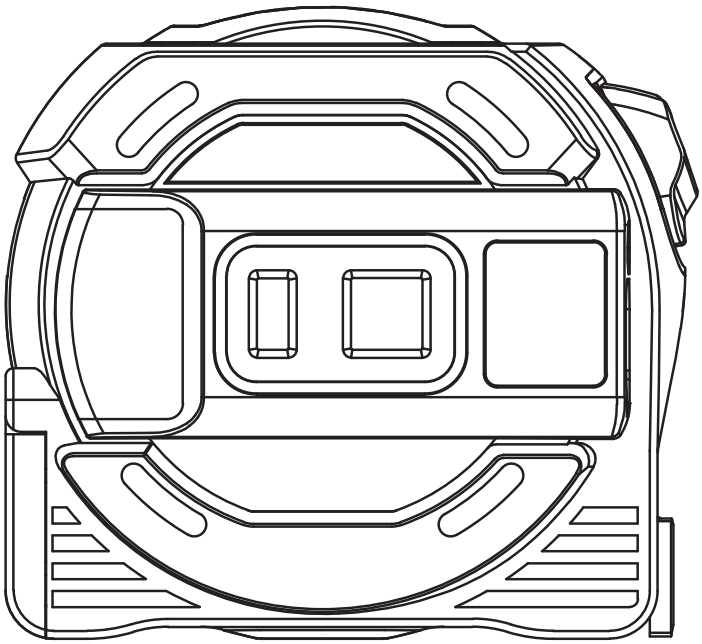


Technical Parameters

The maximum measurement distance	40m	60m
Measurement accuracy	±(2mm+D/10000)*	
Laser type	2 class	
Time to cut off the laser automatically	20s	
Time to shutdown Automatically	150s	
Battery life	8000times （single measurement）	
Battery Type	2xAAA	
Working temperature	0°C- 40°C	
Storage temperature	-20°C- 60°C	

* "D" indicates the actual distance

* In harsh environment, such as: sunlight is too strong, the ambient temperature fluctuates excessively, the reflection effect of the obiect's surface is weak, the battery is low, then the measurement results will have a large error, so a reflecting plate is needed.



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