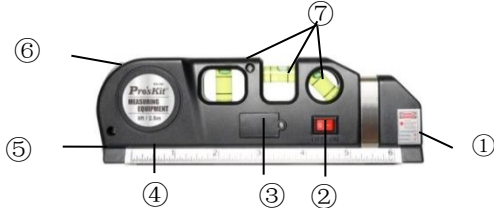


# Pro'sKit® PD-161-C Multi-purpose Laser Level Measuring Tape Ruler

Thank you for purchasing the PD-161-C Multi-purpose Laser Level Measuring Tape Ruler. Please read this manual before operating the PD-161-C. Please store the manual in a safe, easily accessible place for future reference. This is a multi-purpose DIY tool, Integrated of tape, level ruler, ruler and laser wire drop function, please read the following instructions before use.



- ① Laser emission port ② Laser power ON/OFF ③ Battery compartment  
④ Rulers ⑤ Measuring tape ⑥ Tape switch ⑦ Level bubbles.

## Safety



**WARNING! LASER light can be harmful if used improperly. DO NOT AIM LASER IN TO EYES! NEVER Look into the bulb while laser is on.**  
THIS ITEM IS NOT A TOY.DO NOT FOR AGE 14 AND UNDER!  
Keep this product away from water, dust, sunlight!

## How to use

### 1. LASER LEVEL LINES

- Remove the plastic separators from the battery bin. Switch the power on. The lens will emit red laser light.
- Selecting the required laser line mode by pulling the lens up, middle and down. Upper: Horizontal line; Middle: Cross line; Lower: Vertical line
- The ruler can be placed horizontally, referring specifically to the three level bubbles of the equipment.
- Lens are aligned to the planar position to be constructed. Optimum laser irradiation distance 1.5 m~2 m



### 2. RULER

- This product has two rulers. One ruler is metric scale ( total 15cm ) and the other ruler is British scale ( total 6 inch ). It can be used for measuring or drawing lines.



### 3. Tape

- This tape measure has metric and British scales. (total 2.5m/8Ft )
- When in use, press the tape button and pull out the tape to measure. After use, press the button and the tape measure will be automatically retrieved.



### 4. Leveling instrument

- This product has three level bubbles.
- When in use, put this product. Cling the ruler to the measured plane. Then observe the position of level bubbles to determine whether the measured plane is horizontal or not.



### 5. Change the battery:

- Batteries need to be replaced when the light is weak or not lighting. Turn the screw and open the battery cover.
- Remove old batteries and replace with new ones.
- When not in use for a long time, please take out the battery.



## Specifications

<b>Size</b>	191*62*28 mm	<b>Optimum distance</b>	1.5m~2m
<b>Wave</b>	630nm~680nm	<b>Line mode</b>	Horizontal. Cross .Vertical
<b>Output</b>	< 5mW	<b>Level bubbles</b>	Horizontal、 Vertical、 gradient45°
<b>Laser class</b>	Class IIIa	<b>Ruler</b>	15cm/ 6 inch
<b>Battery</b>	1.5V LR44 x 3 ( include )	<b>Tape</b>	2.5m/8FT

1. This product for DIY use only, the measurement accuracy is only for the reference.
2. The optimum distance of laser marking line is 1.5m ~ 2 m, and the appearance of virtual shadow is reasonable.
3. Horizontal bubble measurement only for reference, if any queried, please refer to more accurate measuring tools.
4. If you have any doubt about the tape ruler, please correct it according to the more accurate grade tape ruler.
5. Product functional problems such as the appearance of false shadow, because the laser location is not accurate, horizontal and vertical barrier blocking caused, please adjust the location of the dial. The linewidth is inconsistent because of the change in the size of the inner plastic lens, please adjust the projection distance. Above mentioned do not serve as the basis for return.

# Pro'sKit® PD-161-C 多功能激光水平打线器使用说明书

非常感谢您购买 Pro'skit PD-161-C 多功能激光水平打线器。在操作 PD-161-C 之前，请阅读本手册。请将本手册存放在安全、方便取用的地方，以备将来参考。这是一款多功能的家用工具，集合了卷尺，水平尺，直尺和激光投线的功能，为方便您的使用，请阅读以下说明。



①激光投射镜头②开关③电池仓④直尺⑤钢卷尺⑥卷尺按钮 ⑦水平泡  
使用安全



## 警告：

- 1.本产品为 Class IIIa 类激光产品，如果使用不当，可能对人眼造成伤害！当激光开启时，不可直视或通过光学仪器观看镜头！
- 2.存放请放置在儿童不可接触到的地方，以防造成儿童伤害！
- 3.产品远离水、油污等液体，不可直接暴晒在阳光下！

## 使用说明

### 1. 激光投线使用：

- 取掉电池仓上塑料隔片(初次使用)，打开电源开关，镜头即射出红色激光，可根据需要使用，上、中、下拨动激光镜头，选择需要的激光光线，上：横线；中：十字线；下：竖线。
- 水平尺放置水平，具体可参考水平尺三个水平泡。
- 镜头对准需要施工的平面位置。本产品最佳投射距离 1.5m~2m。

### 2. 直尺使用：

- 本产品直尺分为两面，一面为公制直尺（总长 15cm），一面为英制直尺（总长 6 inch），可根据需要选用。



### 3. 钢卷尺使用：

- 本产品卷尺有公制（总长 250cm）、英制（总长 8FT）两种刻度。
- 使用时，按下卷尺按钮，拉出卷尺即可进行测量，测量完毕，按下按钮，卷尺自动收回。



### 4. 水平尺使用：

- 本产品有三个水平泡，可供测量平面是否水平或垂直。
  - 将水平尺平面紧贴被测平面，然后观察水平泡的位置是否置中，判定被测平面是否水平。
- ### 5. 更换电池：
- 当打开电源开关，激光投射红光较弱或不发光时，需要更换电池。电池规格:3 颗 1.5V LR44。
  - 注意，如长时间不使用，请取出电池，防止电池漏液，造成产品损坏。



## 规格参数

外形尺寸	191*62*28 mm	最佳投线距离	1.5m~2m
激光波长	630nm~680nm	投线形式	横线、十字线、竖线
输出功率	<5mW	水平泡	水平、垂直、45°斜角
激光类别	Class IIIa	直尺	15cm/ 6 inch
使用电池	1.5V LR44 x 3(出货包含)	钢卷尺	2.5m/8FT

## 注意事项

- 1.本产品不属于专业测量工具，量测值仅做为参考。
- 2.产品激光标线最佳距离在 1.5m~2m，出现投线虚影等属于合理情况。
- 3.水平测量，如有要求请参考更精准的量具。
- 4.若对长度测量有要求，请使用更准确的等级量具。
- 5.产品功能性问题比如打线出现有虚影，是因为激光的定位不够准确，横竖隔栅遮挡导致，请调整拨动位置。线宽不一致，是因为内部塑料镜片尺寸变化导致，请调整投影距离。

**\*\*完整版說明書，請至寶工網站下載\*\***

# Pro'sKit®

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