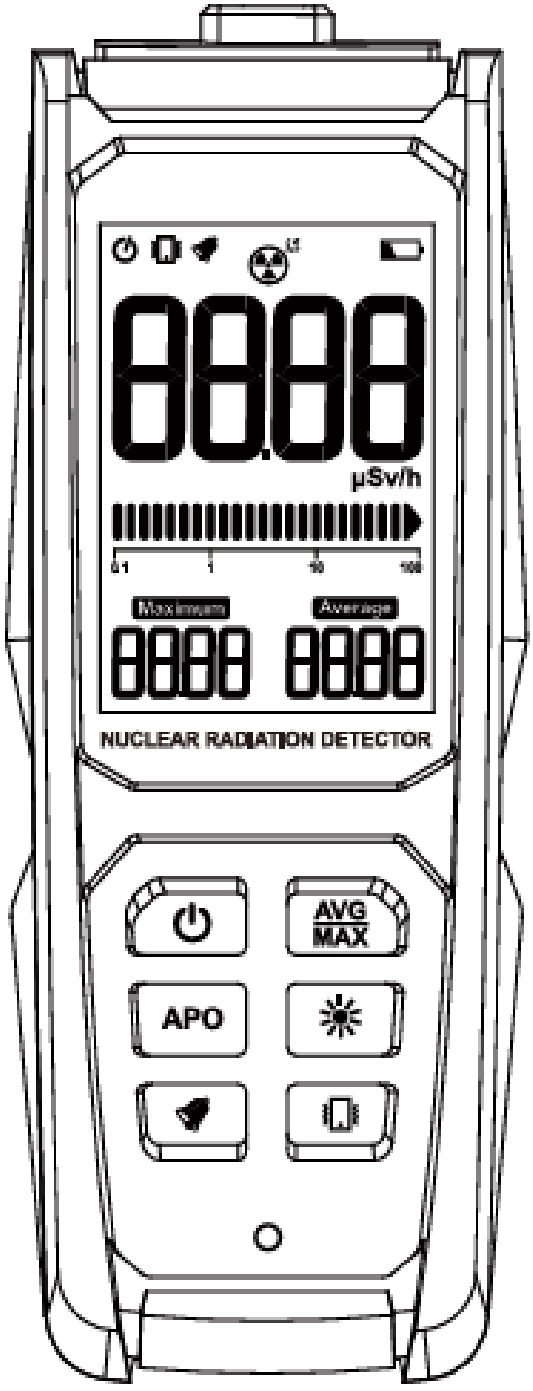
USER'S MANUAL

NUCLEAR RADIATION DETECTOR



⚠ Please read this manual carefully before using this product,and keep it properly for future use!

Out of box audi

Please check and confirm whether the instrument is damaged in transit after receiving it. If obvious damage or abnormal operation function is found, please contact the seller.

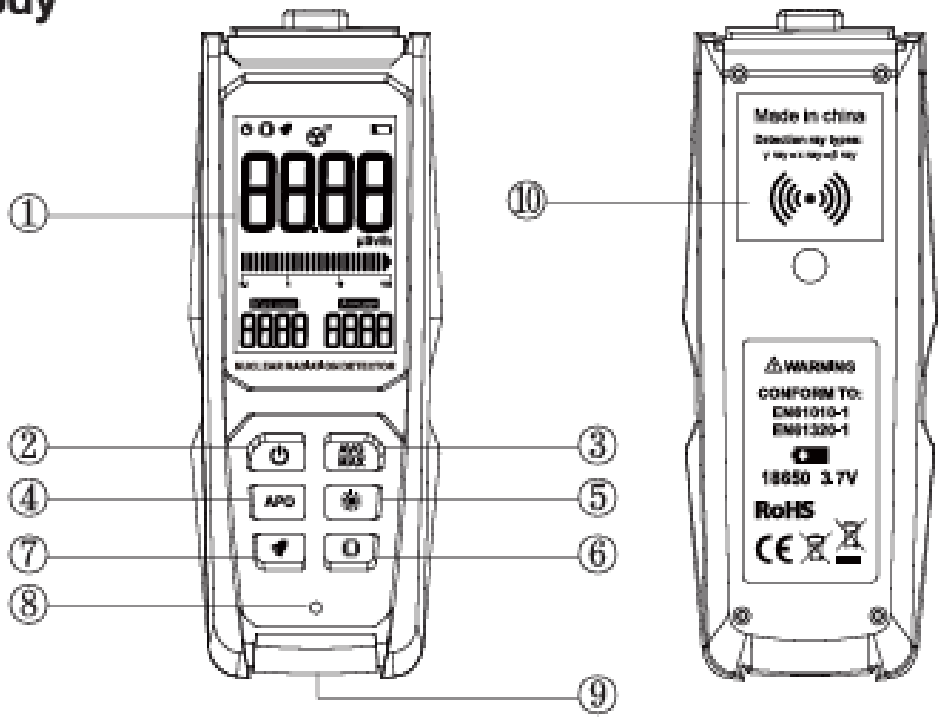
Accessories

Nuclear radiation detector	1
USB Type-C charging cable	1
Manual	1
Cloth bag	1

1. Oerview

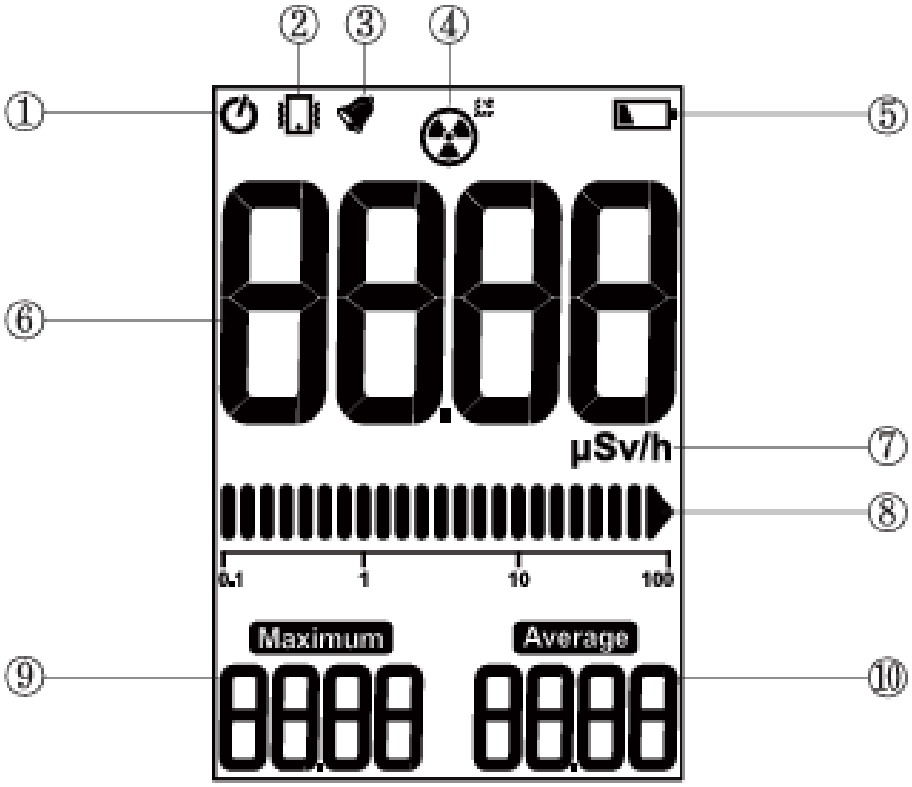
The instrument adopts high-precision Geiger counting sensor and new CMOS integrated circuit technology, which can detect β-ray, γ-ray and X-ray. It also has built-in large-capacity 2000mA 18650 lithium battery. It can be widely used in family, food, pharmacy, laboratory, nuclear power plant, ore, medical treatment, environmental protection and other fields.

2. The body



No.	Description
①	Display
②	Power key
③	AVG/MAX clear key
④	APO cancel automatic shutdown function key
⑤	Backlight key
⑥	Vibration key
⑦	Ring key
⑧	Charging indicator light
⑨	Type-C charging interface
⑩	Radiation detection area ( )

3. Displa



No.	Description
①	Automatic shutdown symbol
②	Vibration warning symbol
③	Ring alarm symbol
④	Radiation detection symbol
⑤	Battery undervoltage symbol
⑥	Detection value
⑦	Unit
⑧	Analog display
⑨	Maximum
⑩	Average

4. Attention

1.Please avoid high temperature environment or direct sunlight when the built-in18650 lithium battery is working or charging.

2.The instrument is forbidden to be used in high temperature, high humidity, corrosive, strong electromagnetic or mechanical vibration and dusty environment.

3.Please read the instruction manual and follow all the contents before use, otherwise it may endanger people's lives and cause personal injury.

5. Use

1. Long press the ( ) key to turn the unit on, and short press the key to turn it off.

2. Short press the (APO) key to turn off or start the automatic shutdown function.

3. Short press the ( ) key to turn off or start the bell alarm function.

4. Short press the ( ) key to turn off or start the vibration alarm function.

5. Short press the ( ) key to turn off or start the backlight function.

6. Short press the (MAX/AVG) key to clear the Maximum and Average data.

7. When the unit is on, the flashing of the ( ) symbol indicates that it is in the working state. Hold the instrument to make its back detection area ( ) close to the radiation source, and the screen displays the current environmental radiation index.

6. Technical parameters

Product name	Nuclear radiation detector
Detection sensor	Geiger counter
Ray types of detection	β-ray, γ-ray, X-ray
Unit of measurement	uSv/h
Dose current rate	0.00-10000uSv/h(10mSv/h)
Energy range	48kev-1.5mev ≤ 30% (based on 137Cs)
Sensitivity	80CPM/uSv (based on 60Co)
Monitor	LCD
Backlight	Automatic shutdown in about 1 minute
Type of alarm	Sound, vibration
Charging interface	USB Type-C
USB charging	5V/1A
Power Supply	Built-in 18650/2000mAh/3.7v
Charging time	About 4 hours
Automatic shut-down	About 10 minutes
Operational current	About 12mA
Working environment	0-50°C/5%-70%RH
Storage environment	-10～60°C/5%～75%RH
Measure	165*63*32mm
Weight	About 206g

7. Maintenance

> Do not drop or hit the instrument.

> It is forbidden to disassemble the instrument to avoid failure.

> The instrument should be far away from high temperature, humidity, corrosive gases or objects.

> The instrument should be cleaned with a small amount of water or neutral detergent soft cloth to wipe the surface to be naturally air-dried.

8. Charging

1.Please use an adapter that meets the relevant safety certification requirements to charge in an environment with good ventilation and heat dissipation, and pay attention to the safety regulations for electricity use.

2.When the instrument screen appears (), the battery is low. Please charge the instrument as soon as possible. The charging time is about 4 hours, and the actual time will vary due to various factors.

3.When the instrument is charging, the indicator light turns red, and when the charging is completed, it turns green, indicating that the battery is fully charged. Please unplug the charging plug in time and do not charge for a long time.

4.During the charging process, the instrument will automatically turn off and cannot be started, and can be used normally after the charging is completed or when the charging is stopped.

USER'S MANUAL

Made in china

CE RoHS

M101040069

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