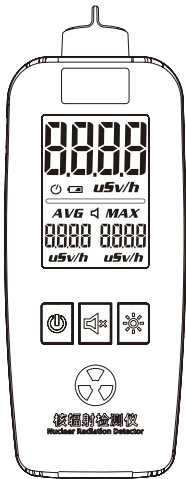


核辐射检测仪



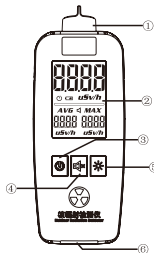
1. 注意事项

- 使用前应检查仪表和附件，谨防任何损坏或不正常的现象。如发现本仪表壳体已明显损坏以及液晶显示器无显示等，或者您认为本仪表已无法正常工作，请勿再使用本仪表。
- 在测量时，遵循使用操作说明。
- 请勿随意打开仪表，以及更改内部接线，以免损坏仪表。
- 当液晶显示器显示“ ”符号，更换电池后再使用。
- 不要在高温、高湿和强电磁环境中存放或者使用仪表。
- 维护保养请使用软布及中性清洁剂清洁仪表外壳，切勿使用研磨剂及溶剂，以防外壳被腐蚀，损坏仪表。

2. 产品描述

1、产品外观描述

- 信号指示灯
- 显示屏
- 开机按键
- 声音报警开关按键
- 背光开关按键
- 装饰口,无功能



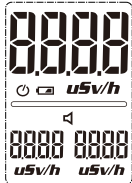
1

2、开关与按键说明

- 电源按键：
长按1秒：开机/关机。
开机后短按：取消自动关机功能。
- 声音报警开关按键：
短按：声音报警开关。
- 背光开关按键：
短按：背光开关。
长按1秒：清除平均值，最大值。

3、LCD符号说明

符号	说 明
	自动关机标识
	低电量提示
	微西弗/小时
	平均剂量
	最大剂量



3. 规格

技术参数

- 显示：LCD显示屏。
- 电池欠压指示：LCD显示 符号。
- 采样速率：0.5秒。
- 报警方式：声光报警。
- 自动关机时间：约10分钟。
- 传感器：48mm盖革计数管。
- 测量范围：0.00μSv/h - 9999μSv/h。
- 测量精度：-17%~+25% 基于¹³⁷Cs γ。
- 检测射线：X射线、γ射线。
- 响应时间：<10s
- 工作温湿度：0~40℃、0~90%RH。
- 存储温湿度：-20~60℃、0~75%RH。
- 供电：2x1.5V AAA。
- 工作高度：最大2000米。
- 尺寸：139.7*53.7*32.8 mm。
- 重量：87g (不含电池)。

2

4. 操作说明

- 开机后将仪表置于被测目标附近，如果检测到辐射信号，顶部白色灯将闪烁提示，屏幕一屏显示有实时剂量，平均剂量，最大剂量。其中平均剂量和最大剂量为从开机开始计算。
- 当实时剂量超过1.0 μSv/h时，蜂鸣器低频报警提示，同时背光亮起；当实时剂量超过2.5 μSv/h时，蜂鸣器高频报警提示，同时背光亮起。
- 短按声音报警开关按键，可以打开或者关闭蜂鸣器报警提示。
- 短按背光开关按键，可以打开或者关闭背光。
- 长按 背光开关按键1秒，可以清除当前最大值、平均值，重新计算。

5. 保养与维护

△打开仪表的电池盖之前，应确保仪表电源已断开，并检查测试笔已从测试电路中断开。

1.一般保养与维护

*定期使用湿布和少量洗涤剂清洁仪表外壳。请勿用研磨剂或化学溶剂。输入插座如果弄脏或潮湿可能会影响读数。
*如发现仪表有异常，请立即停止使用并送回校准维修

2.更换电池

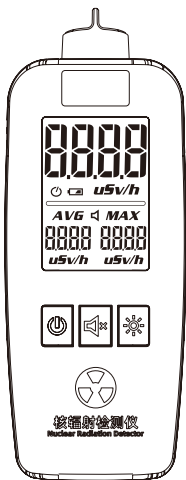
△如果LCD 出现“ ”符号，应立即更换电池，否则会影响测量精度。

- 关断仪表电源；
- 将所有测试笔从输入插座中拔出；
- 用螺丝刀旋松固定电池盖的螺钉；
- 取下电池盖，将旧电池更换；
- 将电池盖按原样装上。

△电池的极性不可装反

3

Nuclear Radiation Detector



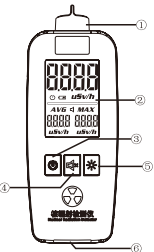
1. Security Information

- Check the instrument and accessories before use for any damage or irregularities. Do not use the instrument if the housing is visibly damaged or if the LCD display is not showing, or if you believe that the instrument is not working properly.
- Follow the operating instructions when measuring.
- Do not open the instrument or change the internal wiring as this may damage the instrument.
- When the LCD display shows the symbol, the battery should be replaced before use.
- Do not store or use the instrument in high temperature, high humidity and strong electromagnetic environment.
- Use a soft cloth and a neutral cleaner to clean the instrument housing.

2. Product Description

1、Part Name

- Signal indicator light
- LCD display
- Power ON/OFF button
- Buzzer ON/OFF button
- Backlight ON/OFF button
- Decoration, no function



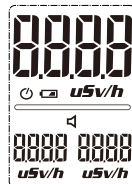
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2、Button Description

- Power button:
Long press for 1 second: Power on/off.
Short press after power on: Cancel automatic power off function.
- Sound alarm switch button:
Short press: Sound alarm switch.
- Backlight switch button:
Short press: Backlight switch:
Press and hold for 1 second: Clear the average and maximum values.

3、LCD full display symbol

Symbol	Explanation
	Automatic power off symbol
	Low battery
	Nuclear radiation unit
	Average dose
	Maximum dose



3. Specification

Overview

- Display: LCD display.
- Battery undervoltage indication: LCD display with symbol.
- Sampling rate: 0.5 second.
- Alarm mode: sound and flashlight alarm.
- Automatic shut-off time: About 10 minutes.
- Sensor: 48mm Geiger counter.
- Measurement range: 0.00 μSv/h - 9999 μSv/h.
- Measurement accuracy: -17%~+25% based on¹³⁷Cs γ.
- Testing radiation: X and γ radiation.
- Response time:<10s.
- Operating temperature and humidity: 0~40℃、0~90%RH.
- Storage temperature and humidity: -20~60℃、0~75%RH.
- Power supply: 2x1.5V AAA battery.
- Working altitude: 2000m max.
- Dimensions: 139.7*53.7*32.8mm.
- Weight: 87g(without battery).

2

4. Operating Instructions

- After turning on the device, place the instrument near the tested target. If a radiation signal is detected, the white light at the top will flash, and the screen will display real-time dose, average dose, and maximum dose. The average dose and maximum dose are calculated from the start of power on.
- When the real-time dose exceeds 1.0 μSv/h, the buzzer will give a low-frequency alarm prompt and the backlight will light up at the same time; When the real-time dose exceeds 2.5 μSv/h, the buzzer will give a high-frequency alarm and the backlight will light up.
- Short press the sound alarm switch button to turn on or off the buzzer alarm prompt.
- Short press the backlight switch button to turn the backlight on or off.
- Press and hold the backlight switch button for 1 second to clear the current maximum and average values and recalculate.

5. Care and maintenance

△Warning

To avoid shock hazard,users should remove pen from the testing circuit before opening the battery cover of the meter.

1.General Maintenance

- Do not operate the product around hot, wet, flammable,explosive or magnetic environments.
- Clean the product with damp cloth and mild detergent;do not use abrasives or solvents.
- Remove the input signals before you clean the product.
- Remove the batteries if you will not use the product for a long time to prevent possible battery leak.

2.Replace Battery

- If symbol appears, it means the battery shall be replaced.
- Remove the test leads from the terminals.
- Loosen the battery door fastener and remove the door from the case bottom.
- Remove the batteries.
- Replace the batteries with two new AAA batteries.
- Reattach the battery door to the case bottom and tighten the fastener.

Note:

Do not violate the battery polarity.

3