

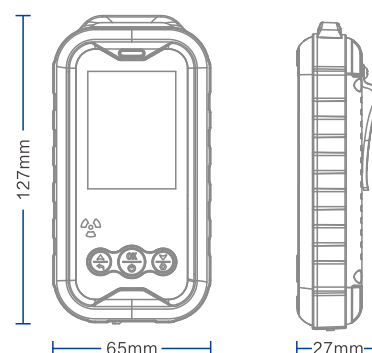


FS-5000

Radiation Detector

Technical Parameters

Sensor:	Glass Geiger Counter	Relative error:	<10% (at 1mSv/h)
Dose rate:	0.01μSv/h~50mSv/h	Power supply:	1800mAh (3.7V rechargeable lithium battery)
Dosage:	0μSv~1000Sv	Power consumption:	<15mW (long endurance mode: ≥30 days)
Sensitivity:	>1cps/μSv/h (relative to ⁶⁰ Co)	Temperature characteristics:	-10°C~+45°C
Energy response:	48keV~1.5MeV	Dimension & Weight:	127*65*27mm 160g(including battery)



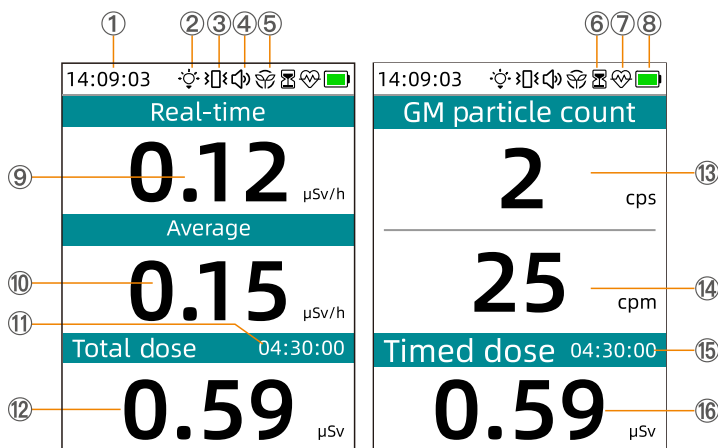
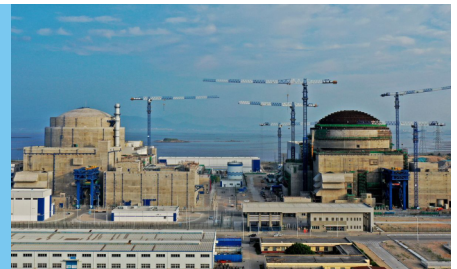


FS-5000 Radiation Detector

The FS-5000 is a small and medium-high range radiation dose alarm instrument, with the main function of monitoring X-rays, γ -rays and β -rays. The detector of this instrument is a glass-type geiger counter (hereinafter referred to as the GM tube), which is characterized by its measurement accuracy and high sensitivity. This product uses a 32-bit ultra-low power microprocessor, and is equipped with a 2.4-inch TFT LCD screen, which is simple to operate and has a strong anti-interference ability. The equipment provides audible, light and vibration alarm, and the alarm threshold is adjustable. When the alarm threshold is reached, the alarm is issued to remind the staff to pay attention to safety. The main technical indicators of the instrument are in line with the national standards and international standards. Compared with similar instruments, it has the advantages of small volume, low power consumption and rich functions.

Product Features

- With the function of timing dose, the timing time is arbitrarily set between 0-999 hours.
- Choose three alarm methods: sound, flashing light and vibration.
- Normal mode and long battery life mode can be switched freely.



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| ① System time | ⑩ Mean dose rate |
| ② Alarm light icon | ⑪ Cumulative dose duration (h: m: s) |
| ③ Shock alarm icon | ⑫ Cumulative dose |
| ④ Sound alarm icon | ⑬ Counting rate /CPS |
| ⑤ Long-endurance mode icon | ⑭ Counting rate /CPM |
| ⑥ Timed dose icon | ⑮ Timed dose duration (h: m: s) |
| ⑦ Run icon | ⑯ Timed dose |
| ⑧ Battery capacity | |
| ⑨ Real-time dose rate | |