



HA3800G 个人剂量报警仪/Personal Dose Alarm

产品概述/Product Overview

个人剂量报警仪用于监测人员身体所受辐照，测量人员受 X、 γ 射线照射所致的个人累积剂量当量 Hp(10) 和瞬时剂量当量率，为人员提供实时个人受照剂量当量率和累积剂量当量信息，超过限值时发出声、光、振动报警，提醒人员以减少过量辐射损害。

The personal dose alarm device is used to monitor the radiation exposure of personnel, measure the personal cumulative dose equivalent Hp(10) and instantaneous dose equivalent rate caused by X and gamma radiation exposure, provide real-time personal dose equivalent rate and cumulative dose equivalent information for personnel, and emit sound, light and vibration alarm when the limit is exceeded to remind personnel to reduce excessive radiation damage.

功能特点/Features

- ① **实时剂量测量：**同时测量剂量当量和剂量当量率；
Real-time dose measurement: dose equivalent and dose equivalent rate are measured simultaneously;
- ② **两级超阈报警：**报警阈值在测量范围内可设；
Two-stage overthreshold alarm: the alarm threshold can be set within the measuring range;
- ③ **一键暂停报警：**报警后，可手动一键暂停报警；

* Parameters are subject to change without prior notice. Supports customization to meet different user requirements.

One-button pause alarm: After the alarm, you can manually suspend the alarm by one-button;

- ④ 倒计时报警：进入辐射场所工作时可提醒工作人员进行时间防护；

Countdown alarm: when working in the radiation site, it can remind the staff to carry out time protection;

- ⑤ **三种报警方式：**声音、指示灯、振动报警。

Three alarm methods: sound, light, vibration alarm.

技术参数/Technical Parameters

产品型号 Product model	HA3800G-G	HA3800G-C
探测器类型 Detector type	G-M 管(能量补偿型) G-M tube (Energy compensation type)	CsI 晶体 CsI crystal
测量对象 Measuring object	X、 γ	X、 γ
测量范围 Measuring range	0.01 μ Sv/h~100mSv/h	0.01 μ Sv/h~30mSv/h
相对固有误差 Relative inherent error	$\pm 15\%$	$\pm 15\%$
累积剂量范围 Cumulative dose range	0.01 μ Sv~10Sv	0.01 μ Sv~10Sv
能量范围 Energy range	48keV~3MeV	48keV~3MeV
供电电池 Power supply battery	2 节 AAA 电池 2 AAA batteries	2 节 AAA 电池 2 AAA batteries