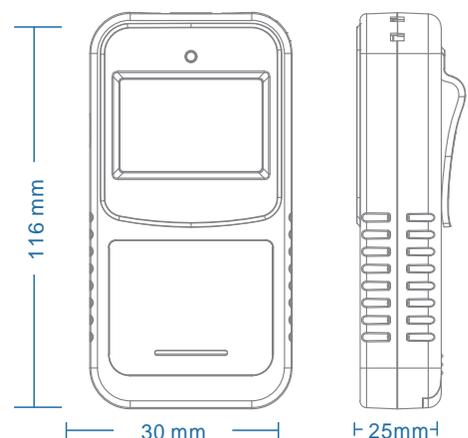


FI-600 RADIATION DETECTOR



Technical Parameters

Detector:	Glass type GM counter tube.	Dosage:	0.00 μ Sv~10Sv
Measuring range:	0.1 μ Sv/h~10mSv/h	Temperature working:	-10°C~+50°C
Sensitivity:	>1cps/ μ Sv/h (Relative to 60Co)	Relative error:	<10%(at 1 mSv/h)
Energy response:	48keV~1.5MeV	Power consumption:	<150mW
Dimensions:	116*60*25(mm)	Power supply:	3AAA batteries



Radiation Detector



FI-600 is a small high-range radiation detector, the main function is to monitor X-ray, y-ray and β -ray. The detector of this instrument is an glass Geiger counter (hereinafter referred to as GM tube), which is characterized by accurate measurement and high range. This product uses a 32-bit microprocessor and is equipped with a 64*128 dotmatrix LCD display, which is simple to operate and has a strong anti-interference ability. The equipment provides an audible alarm, and the alarm threshold is continuously adjustable. When the alarm threshold is reached, an alarm is issued to remind the staff to pay attention to safety. The main counting indicators of the instrument comply with international standards.

This product can be widely used in home improvement radiation testing, irradiation processing enterprises, health and epidemic prevention, radiotherapy, nuclear laboratories, nuclear power plants, import and export commodity inspection, building materials, scrap iron and steel, industrial non-destructive testing, etc.

Product Features

- Measure the dose rate real-time, and record the cumulative dose at the same time.
- The dose rate alarm threshold and dose alarm threshold can be continuously adjustable and arbitrarily set.
- Built-in memory, the accumulated dose value, dose rate alarm threshold and dose alarm threshold data will not be lost after power off.



Technical Data

Radiation industry personnel dose limit	
Average annual effective dose for 5 consecutive years	20mSv
Effective dose in any year	50mSv
Annual equivalent dose of eye lens	150mSv
Annual equivalent dose of limbs (hands and feet) or skin	500mSv

Non-radiation industry personnel dose limit	
Annual effective dose	1mSv
The effective dose in a single year	5mSv
Annual equivalent dose of eye lens	15mSv
Annual equivalent dose of limbs (hands and feet) or skin	50mSv