

γ ray , Soft / Hard β X-Ray Flaw Detector FJ6600 Soil Surface Radiation Pollution Detection



Large Image : [γ ray , Soft / Hard β X-Ray Flaw Detector FJ6600 Soil Surface Radiation Pollution Detection](#)

Product Details:

Place of Origin:	Beijing
Brand Name:	HUATEC
Certification:	CE
Model Number:	FJ-6600
Ray detection:	X-ray,gamma ray and soft and hard beta radiation
Applicaton 1:	Nuclear facilities around environmental radiation detection
Applicaiton 2:	The soil surface radiation pollution detection
Application 3:	Agricultural radiation pollution detection
Application 4:	Ore, building materials radioactive detection
Application 5:	Personal dose monitoring alarm
Application 6:	Radiation medical treatment place radiation detection
Application 7:	Cobalt source, electronic accelerator irradiation place radiation detection
Application 8:	Radioactive radiation laboratory detection

Payment & Shipping Terms:

Minimum Order Quantity:	1pc
Price:	250-350USD
Packaging Details:	Carton
Delivery Time:	from stock
Payment Terms:	T/T
Supply Ability:	500 per months



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Detailed Product Description



X- ray , γ ray , soft and hard β radiometer dosimeter FJ6600 soil surface radiation pollution detection

FJ-6600 is a portable β and γ radiation measuring instrument. Build in a high sensitive gamm beta Geiger-Muller counter with fast response, wide measuring range characteristics, It can be used for measuring X-ray,gamma ray and soft and hard beta radiation. It's a multipurpose radiation dose rate measuring instrument.



Purpose for use

- Measurement of gamma radiation ambient dose equivalent rate;
- Measurement of gamma radiation ambient dose equivalent;
- Measurement of surface soft and hard beta-particles flux density;
- Measurement of ambient dose equivalent accumulation time;
- Real time measurement (clock).

Applications

- Nuclear facilities around environmental radiation detection
- The soil surface radiation pollution detection
- Agricultural radiation pollution detection
- Ore, building materials radioactive detection
- Personal dose monitoring alarm
- Industrial X, gamma NDT radiation detection
- Radiation medical treatment place radiation detection
- Cobalt source, electronic accelerator irradiation place radiation detection
- Radioactive radiation laboratory detection

Features

- Large area digital LCD display backlight;
- Built-in gamma, beta sensitive Geiger-Muller counter;
- Simultaneously dose rate and cumulative dose measurement
- Automatic setting of measurement intervals and ranges;
- The maximum dose rate values keep function
- Automatic setting of measurement intervals and ranges;
- Automatic save dose value.
- Programmable dose rate alarm and cumulative dose alarm threshold
- Programmable voice, light and vibration alarm way
- Battery voltage and low battery indication;
- Automatic failure detection function

Specifications

-Measurement ranges:

dose equivalent rate (137Cs): 0.01 μ Sv/h~10mSv/h

dose equivalent (137Cs): 0.01uSv~9999Sv

-Energy ranges

X and Gamma radiation: 40Kev~3.0Mev

Beta radiation : 0.5~3.0MeV

- Energy dependence: $\leq\pm 25\%$ (relative to 137Cs)

- Relative errors : $\leq\pm 10\%$ (in 20uSv/h)

- Dose rate and dose alarm threshold value: full range can be adjusted

- Protective alarm response time: not more than 3 seconds (in 10 uSv/h)

-Display unit

Dose rate : uSv/h,mSv/h,Sv/h automatic conversion

Dose : uSv , mSv ,Sv automatic conversion

-Battery : One AAA battery

- Operating temperature range : -20°C~+50°C

- Weight and Dimensions: 120g ,125x55x26 mm