



## $\gamma$ ray , Soft / Hard $\beta$ 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

## Large Image : $\gamma$ ray , Soft / Hard $\beta$ X-Ray Flaw Detector FJ6600 Soil Surface Radiation Pollution Detection

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### 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 , $\gamma$ ray , soft and hard $\beta$ radiometer dosimeter FJ6600 soil surface radiation pollution detection

FJ-6600 is a portable  $\beta$  and  $\gamma$  radiation measuring instrument. Built in a high sensitive gamma 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  $\mu$ 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 ,125×55×26 mm