

FNIRSI GC-01 nuclear radiation detector



Model: GC-01

Manufacturer: FNIRSI

EAN: 5907085526959

Product Code: 1104335

R1,636

FNIRSI GC-01 nuclear radiation detector

The FNIRSI GC-01 is a compact and precise Geiger counter that allows real-time monitoring of ionizing radiation. The device features a large LCD screen with a graphical radiation level graph, a sensitive Geiger-Müller counter and an alarm function (sound, light and vibration) when the set value is exceeded. It will prove useful for detecting radiation in food, metals, building materials, industrial equipment, and X-ray and CT diagnostics. You'll charge the 1100 mAh battery via a USB-C port.

Real-time response

The LCD screen provides a clear and real-time view of detected radiation, allowing you to react quickly to exceed acceptable levels. A graphical chart helps you easily observe changes in the environment. There is a choice of units (nSv/h, pGy/h, mR/h, cps, cpm), alarm settings, backlight and

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language.

High sensitivity detection

The Geiger-Müller counter detects beta, gamma and X-rays, allowing more accurate measurements in both industrial and domestic settings. The technology used makes it possible to record even very low radiation doses.

Wide measurement range

The device measures radiation in the range of 0.01 µSv/h to 10,000 µSv/h, which makes it possible to detect not only background radiation, but also much higher levels harmful to health. The recorded cumulative dose reaches 500.0 mSv.

Reliability in many environments

The FNIRSI GC-01 meter will perform well in domestic, medical, industrial and protective applications. It can be used for radiation monitoring in marble, cosmetics, imported products, hospitals, nuclear power plants, metallurgical plants, as well as by travelers and health care providers. The non-slip silicone housing is drop-resistant, making it easy to use in the field and in harsh conditions. The 1100 mAh battery provides up to 10 hours of continuous use, and charging via the USB-C port facilitates daily use.

Included:

- FNIRSI GC-01 radiation meter Geiger counter
- USB-C cable
- User manual

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Types of radiation detected Gamma radiation, X-rays, beta radiation

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Dose equivalent range 0.00-10000 $\mu\text{Sv/h}$ (10 mSv/h)

Cumulative dose equivalent 0.00 μSv -500.0 mSv

Energy range 48 keV-1.5 MeV $\pm 30\%$ (for ^{137}Cs)

Language Chinese/English

Sensitivity 80 CPM/ μSv (for Co-60)

Units of measurement nSv/h, pGy/h, mR/h, cps, cpm (switchable)

Power supply 1100 mAh rechargeable lithium battery

Alarm methods Light, vibration, sound

Dimensions 120 x 78 x 27 mm

GPSR Link: https://psr-assets.innpro.pl/tools/sg_tools_measuring_tools.pdf, Gross weight: 240, Net weight: 144, Box length: 18,50, Box width: 11,00, Box height: 4,00, Last delivery: 16.09.2026, PPWR: <https://ppwr.innpro.pl/fnirsi>

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