

FNIRSI GC-02 nuclear radiation detector



Model: GC-02

Manufacturer: FNIRSI

EAN: 5905156102415

Product Code: 875542

R1,700

FNIRSI GC-02 Nuclear Radiation Detector

The FNIRSI GC-02 is a modern, portable nuclear radiation detector that offers features known from much larger and more expensive devices in a compact housing. It detects beta (β), gamma (γ), and X-ray radiation using a precision Geiger-Müller counter tube. It provides real-time measurement, data logging, intelligent audible and visual alarms, time monitoring, sleep mode, and a built-in lithium battery that can be charged directly. It is a reliable tool for anyone who wants to consciously control their environment and ensure safety.

Accurate radiation measurement you can trust

The use of a Geiger-Müller counter allows for quick and reliable radiation detection. The results are presented in easy-to-read units of $\mu\text{Sv/h}$ and mSv/h , including current, average, maximum, and

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cumulative dose values. This allows even a person without specialized knowledge to immediately understand the level of radiation they are dealing with.

Clear screens and freedom to choose how data is displayed

The FNIRSI GC-02 offers several monitoring interfaces that you can switch between freely. A simple numerical screen, a graph of changes over time, or more advanced data summaries allow you to tailor the presentation of information to your current needs and preferences.

Time monitoring - observe changes, not just a moment

The device allows you to set the start and end time of the measurement, so it automatically records radiation changes over a selected period. With the ability to save up to 10 measurement sets, the GC-02 is ideal for long-term environmental observation and trend analysis.

Alarms that react when you can't

With adjustable alarm thresholds, you can tailor the detector's performance to a specific location and situation. When the set radiation level is exceeded, the device immediately triggers an audible and visual alarm, warning you of a potential hazard without the need to constantly watch the screen.

Energy savings and longer operating time

The automatic sleep function (AUTO SLEEP) allows you to set an idle time of 5 to 60 minutes, after which the device automatically enters energy-saving mode. This significantly extends the operating time on a single charge and ensures that the detector is always ready for use when you need it.

Built-in battery and convenient charging

The FNIRSI GC-02 has an 850 mAh lithium battery that provides up to 6 hours of continuous operation. Direct charging eliminates the need to replace the power source, increases convenience, and makes the device more environmentally friendly and durable.

Robust construction and refined details

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The housing is made of durable ABS + PC materials, which are wear-resistant, safe, and pleasant to use on a daily basis. A non-slip clip allows you to attach the detector to a belt or pocket, a lanyard prevents it from being dropped, and a hidden charging port protects the connector from dust and damage.

Support for 8 languages - simple and intuitive

The device menu is available in eight languages: English, German, Spanish, Portuguese, Russian, Japanese, Korean, and Chinese. The clear interface makes operation intuitive and comfortable regardless of the user's experience.

Always with you - a mobile security guard

Thanks to its compact dimensions, the FNIRSI GC-02 fits easily in your pocket, backpack, or on your belt. It is a truly portable handheld detector that works at home, at work, in the field, and while traveling. It gives you awareness, control, and peace of mind – exactly when you need it.

Manufacturer	FNIRSI
Model	GC-02
Device type	Portable nuclear radiation detector (Geiger counter)
Detected radiation	Beta (β), Gamma (γ), X-rays
Measuring element	Geiger-Müller counter (GM tube)
Range of units displayed	μSv/h, mSv/h
Measurement modes	Real-time measurement, time monitoring
Data recording	Yes (up to 10 measurement sets)
Alarms	Audible and visual, adjustable thresholds
Display	Color LCD screen, multiple view interfaces

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Supported languages	8 (English, German, Spanish, Portuguese, Russian, Japanese, Korean, Chinese)
Power supply	Built-in 850 mAh lithium battery
Operating time	Up to 6 hours
Charging	Direct, hidden charging port
Additional features	Auto sleep, auto power off
Construction	ABS + PC housing
Mounting/carrying	Rear clip, lanyard option

GPSR Link: https://psr-assets.innpro.pl/tools/sg_tools_measuring_tools.pdf, Net weight: 73, Box length: 13,00, Box width: 6,50, Box height: 5,00, Gross weight: 160, Last delivery: 16.09.2026, PPWR: <https://ppwr.innpro.pl/fnirsi>

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