



Online store WWW.LYNXGEAR.LV
Company: SIA LATLYNX
info@lynxgear.lv, +371 26159668
Reg. No. 45403038162, VAT Reg. No.
LV45403038162,
Legal address: Baznicas iela 8,
Aizkraukle, Aizkraukles novads,
LV-5101, LATVIJA
Bank Account: LV87UNLA0050021387494
AS SEB Bank, SWIFT: UNLALV2X

ORDER CONFIRMATION

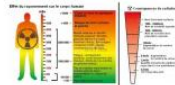
Not Rated Yet



Sales price 539,95 €

Salesprice with discount

Incl. VAT 21%: 93,71 €



Description

IHM Geiger Counter – Radiation Meter & Dosimeter

The **IHM Geiger Counter** is a professional-grade radiation meter designed for detecting and monitoring **Alpha (α)**, **Beta (β)**, **Gamma (γ)** and **X-ray radiation**. Built around a reliable **Geiger-Müller sensor**, it provides accurate real-time measurements and cumulative dose tracking for both professional and advanced personal use.

This device is suitable for **industrial environments**, **laboratories**, **environmental monitoring**, and **emergency preparedness**, offering precise detection of ionizing radiation and advanced data recording capabilities.

Multi-Radiation Detection & Dosimeter Function

The meter allows selection and measurement of different radiation types while also functioning as a **dosimeter**, calculating cumulative exposure over time. This makes it ideal for monitoring long-term radiation exposure.

- Detects Alpha, Beta, Gamma and X-ray radiation
- Real-time dose rate and cumulative dose measurement
- Manual or automatic measurement modes



Online store WWW.LYNXGEAR.LV
Company: SIA LATLYNX
info@lynxgear.lv, +371 26159668
Reg. No. 45403038162, VAT Reg. No.
LV45403038162,
Legal address: Baznicas iela 8,
Aizkraukle, Aizkraukles novads,
LV-5101, LATVIJA
Bank Account: LV87UNLA0050021387494
AS SEB Bank, SWIFT: UNLALV2X

ORDER CONFIRMATION

- Programmable radiation alarm threshold

Data Logging & Bluetooth Connectivity

The built-in Bluetooth module allows wireless transmission of measurement data to a PC. Included software enables real-time monitoring, data analysis, and long-term recording.

- Bluetooth transmission (up to 10 m)
- Compatible with Windows 11 and earlier
- Automatic or manual storage of up to 2000+ data points
- Continuous monitoring and export capability

Professional Measurement Capabilities

The device measures radiation intensity, count rate, and accumulated exposure using international units such as **$\mu\text{Sv/h}$ (dose rate)** and **CPM/CPS (count rate)**. These measurements are essential for evaluating environmental radiation and occupational exposure.

- Dose rate measurement: 0.01 $\mu\text{Sv/h}$ - 1000 $\mu\text{Sv/h}$
- Count rate: up to 30,000 CPM
- Effective dose: 0.001 μSv - 9999 Sv
- Accuracy: <10% (under 500 $\mu\text{Sv/h}$)

Large Display & User-Friendly Operation

The large backlit LCD display provides clear visibility of readings, including numerical values and graphical bar indicators. The ergonomic design ensures easy operation even in demanding environments.

- Large LCD display with backlight
- Real-time bar graph visualization
- Adjustable measurement cycles
- Low battery indicator

Applications

- Radiation monitoring in laboratories and industry
- Environmental radiation detection (radon, contamination)
- Inspection of building materials and equipment
- Emergency preparedness and safety monitoring
- Educational and research use

Specifications

Detection	Alpha (α), Beta (β), Gamma (γ), X-ray
Sensor	Geiger-Müller tube
Dose rate	0.01 $\mu\text{Sv/h}$ - 1000 $\mu\text{Sv/h}$



Online store WWW.LYNXGEAR.LV
Company: SIA LATLYNX
info@lynxgear.lv, +371 26159668
Reg. No. 45403038162, VAT Reg. No.
LV45403038162,
Legal address: Baznicas iela 8,
Aizkraukle, Aizkraukles novads,
LV-5101, LATVIJA
Bank Account: LV87UNLA0050021387494
AS SEB Bank, SWIFT: UNLALV2X

ORDER CONFIRMATION

Count rate	0 - 30,000 CPM / 0 - 5000 CPS
Effective dose	0.001 μ Sv - 9999 Sv
Accuracy	<10% (<500 μ Sv/h)
Data storage	2000+ records
Connectivity	Bluetooth (10 m range)
Display	LCD with backlight and bar graph
Power supply	4 \times AA batteries
Dimensions	200 \times 70 \times 45 mm
Weight	~200 g

Important Information About Radiation

Ionizing radiation cannot be detected by human senses and requires specialized instruments like this Geiger counter. Natural background radiation typically averages around **0.1–0.3 μ Sv/h**, while higher values may indicate abnormal exposure or contamination.

Safety Notice

- This device is intended for monitoring and measurement purposes only
- Proper training is recommended for interpreting radiation data
- Always follow local safety regulations when working with radiation sources

Package Contents

- IHM Geiger Counter
- PC software
- User manual

Manufacturer

MOINEAU Instruments
Z.A P. PIERRE - 8 allée des Erables
79110 Chef-Boutonne
France

Downloads

[User Manual \(PDF\)](#)

Glossary

- **μ Sv/h**: microsievverts per hour, unit of radiation dose rate
- **CPM/CPS**: counts per minute / second, radiation detection frequency
- **Geiger-Müller tube**: sensor used to detect ionizing radiation
- **Dosimeter**: device measuring accumulated radiation exposure