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Product Name :

Geiger Counter

Product Code :

SLE/PHY/119



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Description :

Geiger Counter (Product Code: SLE/PHY/119) is a compact, general-purpose radiation survey meter used to detect alpha, beta, gamma and X-radiation in school and college nuclear physics practicals. Physics teachers use it to make radioactive decay visible and audible, because a red count light flashes and a beep sounds with every event it detects across its 3 selectable ranges. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a physicsinstruments supplier in India, as part of its nuclear physics lab equipment range.

Specifications

Parameter	Detail
Instrument type	Compact, ergonomic, general-purpose survey meter
Radiation detected	Alpha, beta, gamma and X-rays
Measuring ranges	3 selectable ranges
Linearity	More linear reading for gamma and X-rays above 40 keV
Event indication	Red count light flashes and a beep sounds with each event detected
Product code	SLE/PHY/119
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Geiger Counter Used For?

In the physics laboratory the Geiger Counter is the quickest way to show students that ionising radiation can be detected and counted. A typical lesson starts by recording the background count in the room, then brings a sealed school source closer to show the count rising, and finally places sheets of paper, aluminium or lead between source and detector to compare how far alpha, beta and gamma radiation penetrate.

Because every detected event produces a flash and a beep, the meter also demonstrates that decay is random: students can listen to the irregular clicks and count them over fixed intervals. For any radiation experiment, keep sources in their storage containers when not in use, handle them with tongs, and follow your institution's radiation-safety rules.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, an Ambala, Haryana company that supplies laboratory equipment to schools, colleges and institutions in India and international markets. The Geiger Counter is a sourced survey meter, and we can quote it together with the sealed sources, tube holder and scaler timer listed in our physics range. Read more about the company on our company profile.

Related Physics Lab Equipment

These items from our physics range are used in the same radioactivity lessons as the Geiger Coun

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