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Product Name :

Dosimeter Digital

Product Code :

SCL249/041



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Description :

Dosimeter Digital (Product Code: SCL249/041) is a digital radiation dosimeter used to measure accumulated dose during radioactivity and radiation-safety lessons in school and college physics labs. It reads from 0.1 µSv to 1 000 µSv, weighs no more than 200 g and comes with batteries, so it is ready to use on arrival. It is manufactured by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory instruments supplier in India, alongside other nuclearphysics lab equipment for teaching.

Specifications

Parameter	Detail
Type	Digital dosimeter
Dose measuring range	0.1 µSv – 1 000 µSv
Mass	Maximum 200 g
Batteries	Included
Product code	SCL249/041
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Digital Dosimeter Used For?

A useful first activity is to leave the dosimeter on a bench for a lesson and read the dose from natural background radiation, which gives the class a baseline for everything that follows. The teacher can then place it near a sealed school source for a fixed time and compare the reading, before repeating the exposure at a greater distance or behind a sheet of shielding to show how dose falls off. Turning these readings into everyday comparisons helps students see why time, distance and shielding are the three rules of radiation safety.

Teachers who handle sources can also carry the dosimeter during practical sessions as a check on their own accumulated dose. Keep it away from strong heat and moisture, switch it off or remove the batteries for long storage, and log readings so the data can be reused in later lessons. It pairs well with a Geiger counter in any radiation experiment kit for India's senior secondary classes.

Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab from Ambala, Haryana, manufactures this dosimeter for schools, colleges and distributors together with its radioactivity apparatus. For vendor and import-export records, the manufacturer's Importer-Exporter Code is AAECJ8618A (DGFT) and its GSTIN is 06AAECJ8618A1ZT. See the company profile for more information.

Related Lab Equipment

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