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**Product Name :**

Geiger Muller Tube Holder

**Product Code :**

SLE/PHY/42



# Description :

**Geiger Muller Tube Holder** (Product Code: SLE/PHY/42) is an aluminium box housing a G.M. tube socket, used to mount a Geiger–Müller tube and connect it to a counter for radioactivity measurements in physics laboratories. Designed for use with the Scaler Timer, it connects through a 1 m co-axial lead ending in a standard P.E.T. connector and has a stabilising resistor already wired inside. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

## Specifications

| Parameter | Detail |
|---|---|
| Housing | Aluminium box containing the G.M. tube socket |
| Connecting lead | 1 m long co-axial lead |
| Connector | Standard P.E.T. connector |
| Anode resistor | 2.2 megohm stabilising resistor, wired internally in series with the anode connection |
| For use with | Scaler Timer |
| Product code | SLE/PHY/42 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

## What Is the GM Tube Holder Used For?

The Geiger Muller Tube Holder turns a bare GM tube into a bench-ready detector. The tube plugs into the socket inside the aluminium box, and the co-axial lead links it to the counter, so students can place the detector at a measured distance from a source and record counts. Common practicals include background counts, count rate against distance, absorption by paper or metal sheets, and half-life measurement.

Because the 2.2 megohm stabilising resistor sits inside the box in series with the anode, there is no loose resistor to wire on the bench, which keeps a Geiger Muller tube set-up in an Indian school or college lab tidy and repeatable. Before counting, set the tube voltage on the counter to suit your GM tube, and keep the delicate tube window away from fingers and sharp objects.

## What to Specify When Ordering

- Number of detector stations, i.e. how many Geiger Muller Tube Holders you need.
- Whether you also need the Scaler Timer the holder is designed to work with.
- Whether you need a GM tube, as a tube is not listed as part of the holder.

## Supplier

ScienceLab, the trading name of Jain Scientific Equipments Private Limited, supplies the Geiger Muller Tube Holder along with counting instruments and radioactivity accessories for physics labor oted toget

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