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**Product Name :**

Teltron Perrin Tube S

**Product Code :**

SLE/PHY/52



# Description :

**Teltron Perrin Tube S** (Product Code: SLE/PHY/52) is an evacuated electron tube from the Teltron S series used to repeat Jean Perrin's experiment, which shows that cathode rays carry negative charge, in college and senior school physics laboratories. It helps students connect a visible electron beam with the idea of the electron as a charged particle, a key step in any unit on the discovery of the electron. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)** , Ambala, India.

## Key Details

| Parameter | Detail |
|---|---|
| Product type | Evacuated electron tube for the Perrin experiment |
| Series | Teltron S series |
| Brand | Teltron (third-party brand) |
| Technical data | Ask us for the current specification sheet before ordering |
| Product code | SLE/PHY/52 |
| Supplied by | Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India |

## What Is the Perrin Tube Used For?

In Perrin's classic experiment, an electron beam is steered by a magnetic field into a charge collector linked to an electroscope or meter; the collector gains negative charge, showing that cathode rays are negatively charged particles rather than a form of light. The Teltron Perrin Tube S brings this historic result into the teaching laboratory as a clear physics demonstration for students in India studying atomic structure.

Electron tubes of this kind run at high voltages, so the tube should be set up and switched on by a teacher or technician, mounted in a suitable holder and connected with shrouded leads. Confirm the operating voltages, holder and coil requirements with us before ordering; we will send the specification with your quotation.

## Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab, supplies the Teltron Perrin Tube S from Ambala, Haryana, India. Teltron is a third-party brand; the company sources the tube and will confirm its current specification and accessory needs in the quotation. Read more on our company profile.

## Related Physics Lab Equipment

These items belong to the same S-series electron-beam teaching set as the Teltron Perrin Tube S: