



Email : [sales@scilabexport.com](mailto:sales@scilabexport.com)

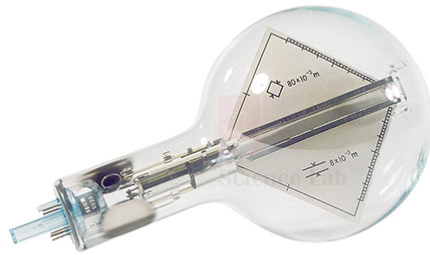
Phone: +91-7082934803

**Product Name :**

Teltron Thomson Tube S

**Product Code :**

SLE/PHY/309



**Website:** <https://www.scilabexport.com>, **Email:** [sales@scilabexport.com](mailto:sales@scilabexport.com)

1226/1-5, Bengali Mohalla, Science Market | 133001, Harvana



Email : [sales@scilabexport.com](mailto:sales@scilabexport.com)

Phone: +91-7082934803

## Description :

### Teltron Discharge Tubes

The Teltron range of demonstration discharge tubes has been designed to show the properties of the free electron.

The D range is the original Teltron range with connections fixed on the tubes.

The S range is a newer range with connections on the stand rather than the tubes.

### Other equipment for use with the Teltron tubes:

EHT Power Supply

Digital Meter with two shunts included

Shrouded Test Lead Red

Shrouded Test Lead Black

### Teltron Thomson Tube S

High-vacuum electron tube with high-accuracy electron gun and ruled target phosphorescent screen.

Determine the fundamental electron charge-to-mass ratio ( $e/m$ ), study mean electron velocities using field cancellation, and explore electron optics using this tube.

### The electron beam trajectory can be manipulated using two methods :

Deflection induced by the electric field of the built-in plate capacitor,

Magnetically using external Helmholtz Coils S.

### Technical Specifications :

**Max. filament voltage:** 6.3 V AC

**Max. capacitor voltage:** 500 V

**Anode current:** approx. 0.1 mA at 4 kV (anode).

**Max. anode voltage:** 5 kV

Contact Science Lab for your Educational School Science Lab Equipments. We are best scientific laboratory equipments manufacturer, scientific laboratory equipments supplier, technical educational equipment exporter, technical educational equipment manufacturer, technical educational equipment supplier, technical educational equipments exporter.