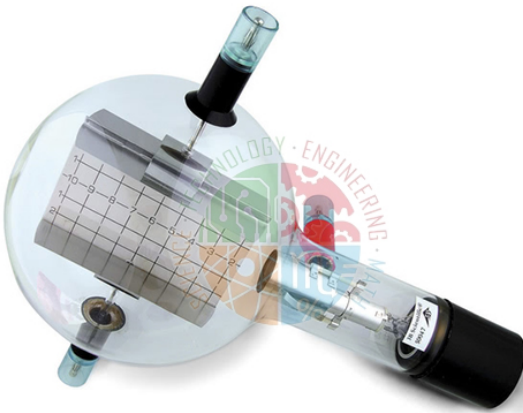




Product Code . JLI-PLE-10554

Teltron Electron Deflection Tube D



Description

Teltron Electron Deflection Tube D

Highly evacuated electron tube with focusing electron gun and fluorescent screen inclined relative to the beam axis, so that the path of the beam can be seen and the effects of electric and magnetic fields can be studied.

The electron beam can be deflected electrically in the electric field of the built-in plate capacitor, and magnetically by using the Helmholtz coil pair D.

By adjusting the electric field so that it cancels the magnetic deflection, it is possible to determine the specific charge e/m and the velocity of

the electrons.

Specification:

Filament voltage: 6.3 V AC

Max. anode voltage: 5000 V




Anode current: approx. 0.1 mA at 4000 V

Max. capacitor voltage: 5000 V

Fluorescent screen: approx. 90x60 mm²;

Glass bulb: approx. 130 mm dia.;

Total length: approx. 260 mm.

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