



THE LAB EQUIPMENT

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Product Name :

Teltron Diode S

Product Code :

SLE/PHY/306



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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.

Teltron Diode S

High-vacuum electron tube with thermionic cathode for demonstrating the thermoelectric effect (Edison effect).

Also investigate the characteristics of diodes via the process of rectification.

Use the tube to investigate the relationship between measured emission current and the voltage applied to the cathode.

Instructions included.

Other equipment for use with the Teltron tubes :

EHT Power Supply

Shrouded Test Lead Red

Shrouded Test Lead Black

Digital Meter with two shunts included

Technical Specifications :

Anode current: approx. 2 mA at 200 V (Anode)

Max. heater voltage: 7.5 V AC/DC

Max. anode voltage: 500 V

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