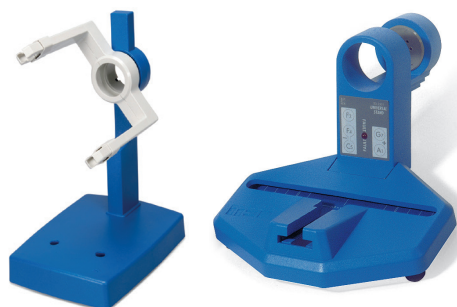


1



SE1008507

SE1014525

## 1. Teltron Tube Holder

The Teltron tube holders are available for S and D mounting points. The entire S and D series and related accessories, such as the Helmholtz coils S and auxiliary coil have standard fittings. An easily replaceable fuse is located in the holder to protect the valuable tubes from excessive voltage. The slots for holding coils have metric rulings to ensure precise adjustments with a maximum spacing of 150mm. The auxiliary coil can be inserted into the stepped front side of the tube holder.

Code	Description	Pack	Price
SE1014525	S type	Each	£392.91
SE1008507	D type	Each	£261.35

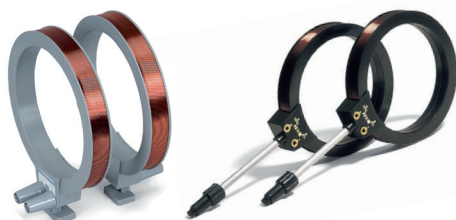
## 2. Helmholtz Coils Pair

Pair of Helmholtz coils for generating a uniform magnetic field perpendicular to the axis of the Teltron S series tube. Teltron tube holder S allows the coils to be configured in the Helmholtz geometry or at variable distances to produce magnetic fields aligned vertically, or coaxial, with respect to the tube axis. The maximum field strength generated by the coils (~ 10mT) is approximately 300 times weaker than that produced by an MRI machine (~ 3T), which are known to be safe for use by people with medical implants such as pacemakers.

- Can be used for the AQA Physics A level magnetic fields required practical

Code	Description	Pack	Price
SE1000611	S Type	Each	£369.83
SE1000644	D Type	Each	£369.83

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SE1000611

SE1000644

## 3. DC Power Supply, 500V, 50V, 12V & 8V

Low voltage power supply with four outputs primarily intended to simultaneously supply power for the Teltron line of electron tubes and Helmholtz coils, with four independent, adjustable DC voltages. The DC voltages are stabilised, regulated, floating, and galvanically isolated from one another, in addition to being short circuit proof and secure from external voltages.

- Displays: analogue, class 2
- Connections: 4mm safety sockets
- Power consumption: 50VA

### 500V Output

- Voltage: 0–500V DC, max. 50mA
- Stability at full load:  $\leq 0.01\% \pm 100\text{mV}$
- Residual ripple:  $\leq 20\text{mV}$

### 50V Output

- Voltage: 0–50V DC, max. 50mA
- Stability at full load:  $\leq 0.1\% \pm 30\text{mV}$
- Residual ripple:  $\leq 50\text{mV}$

### 12V Output

- Voltage: 0–12V DC, max. 4A
- Stability at full load:  $\leq 0.1\% \pm 30\text{mV}$

### 8V Output

- Voltage: 0–8V DC, max. 3A
- Stability at full load:  $\leq 0.1\% \pm 30\text{mV}$

Code	Pack	Price
SE1003308	Each	£633.00

3

