



THE LAB EQUIPMENT

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Product Name :

Teltron Helmholtz Pair of Coils S

Product Code :

SLE/PHY/48



Description :

Teltron Helmholtz Coils S

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 (~ 10 mT) is approximately 300 times weaker than that produced by an MRI machine (~ 3T), known to be safe for use by people with medical implants such as pacemakers. Instructions included.

Specification (each) :

Number of turns : 320

Coil diameter : 138 mm

Terminals: 4 mm safety sockets

Load rating : 1.0 A (Continuous operation); 1.5 A (Short-term operation)

Effective Impedance : approx. 6.5 ohm

Max. field strength: approx. 9 mT.

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