



Cena bez DPH	729,00 Eur
Price with VAT	882,09 Eur

Parameters

Quantitative unit ks

High-vacuum electron tube with divergent electron gun aimed at a fluorescent screen partially obscured by a Maltese cross. For demonstrating the linear propagation of electrons in the absence of applied electromagnetic fields by projecting the shadow of a Maltese cross onto the fluorescent screen. Application of a magnetic field using the Helmholtz Coils S allows for students to study the fundamental science of electron optics, such as beam focusing.

- **Max. filament voltage:** 6.3 V AC
- **Max. anode voltage:** 5 kV
- **Anode current:** approx. 0.1 mA at 4 kV
- **Glass bulb:** approx. 130 mm dia.
- **Luminescent screen:** approx. 85 mm dia.
- **Total length:** approx. 250 mm

Additionally required:

- 5401.U185001 Tube Holder S
- 5401.U138021 Set of 15 Safety Experiment Leads, 75 cm
- 5401.U33010230 High Voltage Power Supply, 5 kV (230 V, 50 / 60 Hz)

Additionally recommended:

- 5401.U185051 Helmholtz Pair of Coils S