

HELAGO-CZ, s.r.o. Commercial Register maintained by the Regional Court in Hradec Králové Section C, File 17879 Kladská 1082 500 03 Hradec Králové 3

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Maltese Cross Tube S Order code: 5401.1000011



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