

Dual Beam Tube S

Order code: **5401.1000622**



Cena bez DPH

928,00 Eur

Price with VAT

1.122,88 Eur

Parameters

Quantitative unit

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Partly evacuated electron tube, filled with helium at low pressure, with tangential and axial electron gun. For determining specific charge e/m from the diameter of the filament beam in the case of tangential bombardment and a perpendicularly aligned magnetic field, and observing spiral paths of electrons in the case of axial bombardment and a co-axial magnetic field. The electron paths are rendered visible in the form of fine luminescent beams through impact excitation of the helium atoms.

- **Max. filament voltage:** 7,5 V
- **Max. anode voltage:** 300 V DC
- **Anode current:** approx. 30 mA at 200 V (anode)
- **Max. deflection voltage:** 50 V DC
- **Glass bulb:** approx. 130 mm dia.
- **Total length:** approx. 250 mm

Additionally required:

- 5401.U185001 Tube Holder S
- 5401.U138021 Set of 15 Safety Patch Cords, 75 cm
- 5401.U185051 Helmholtz Pair of Coils S
- 5401.U33000230 Power Supply, 500 V DC (230 V, 50 / 60 Hz)