

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

Company ID: 25 96 39 61, VAT: CZ 25963961 Phone: 495 220 229, 495 220 394

Fax: 495 220 154 GSM gate: 602 123 096 E-mail: info@helago-cz.cz Web: http://www.helago-cz.cz

Training Oscilloscope Order code: 5401.1000902



Cena bez DPH 1.560,00 Eur

Price with VAT 1.887,60 Eur

Parameters

Quantitative unit ks

Electron tube mounted on terminal base for investigating the design and operation of modern cathode ray tubes. The electron beam can be deflected by an electric field produced by the deflection plates integrated into the tube, and by a magnetic field from three external coils mounted on a ring. A Wehnelt cylinder is used to focus the beam. A gas filling and fluorescent screen makes it possible to observe the beam in the tube. A continuously adjustable saw-tooth generator can be used to analyze and visualize time dependent processes. The device comes with a socket and printed wiring scheme.

• Anode voltage: 250 - 400 V DC

• Anode current: 1 mA

• Filament voltage: 6 - 8 V AC / DC

Filament current: 0,3 A
Wehnelt voltage: 0 - 50 V DC

• Deflection plate dimensions: approx. 12 × 20 mm

• Plate spacing: approx. 12 mm

• Electric deflection sensitivity: 0,2 mm / V

• Screen diameter: approx. 100 mm

• Tube length: approx. 260 mm

Residual gas: NeonGas pressure: 10-4 hPa

Sweep frequency: 10 - 200 Hz, continuously adjustable
3 deflection coils: 600 turns each, with a centre pickup

• Weight: approx. 1,6 kg

Additionally recommended:

• 5401.U33000230 DC Power Supply, 0 - 500 V (230 V, 50 / 60 Hz)

• 5401.U21010230 Function Generator with Interface (230 V, 50 / 60 Hz)