

METROLOGY

UV / VIS Spectrometer

Manufacturer: Agilent

Model: Cary 60



General Description:

The Cary is a reliable laboratory UV/VIS spectrometer with wide spectral coverage from the atmospheric UV to the initial near-IR range at good spectral resolution and spectral dynamics. Applications include measuring colorimetric assays as well as the characterisation of optical components (filter, AR coatings etc.) as well as process analytics of chemical solutions or exhaust gases.

Key Specifications:

- spectral range: 190 – 1100 nm @ spectral resolution < 1.5 nm
- dynamic range < 0.5 mAU up to 3.5 AU
- sample compartment for liquid gas cuvettes or gas cells up to 100 mm
- different operation modes, including classical scanning, point measurements and kinetics measurements (up to 80 data points/s)
- spectral data evaluation using UVWin[®] software and further chemometrics tools

Availability	For use by qualified personnel only; the instrument is available on request for measuring external samples
Location	Metrology Lab Europastraße 12 9524 Villach
Responsibles / Contact	Dr. Martin Kraft Tel.:+43 4242 56300 236