

COPT 

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DATA SHEET

UV-Vis Spectrometer

Perkin Elmer LAS GmbH

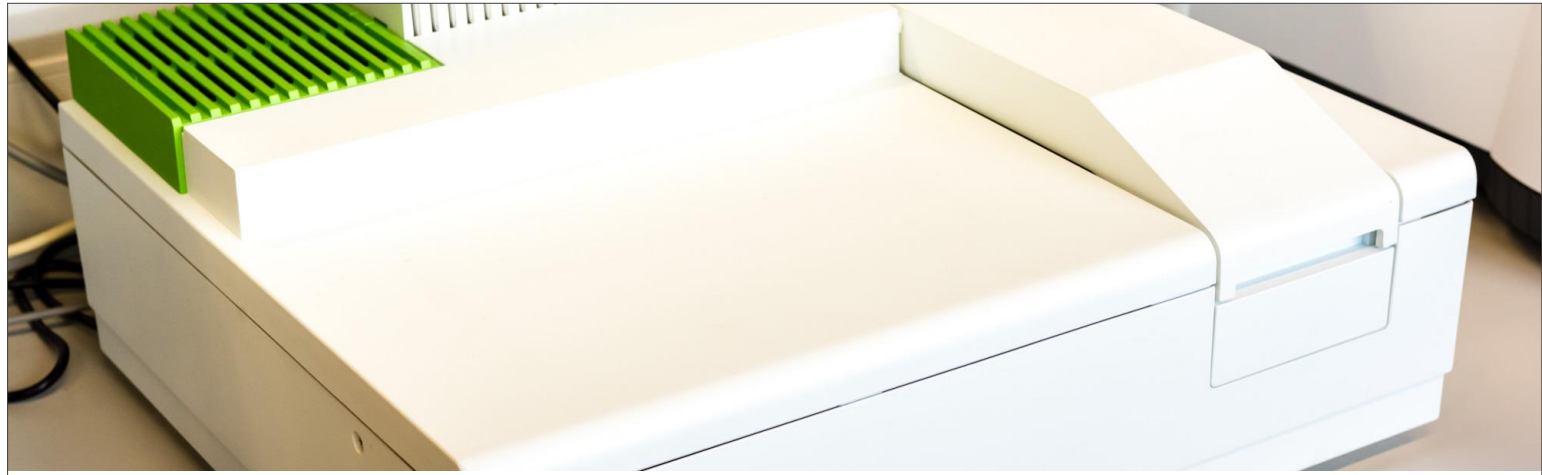
Lambda 35



copt-zentrum.de

Universität
zu Köln





Technical Data

UV-Vis Spectrometer

Company

Perkin Elmer LAS GmbH

Model

Lambda 35

Measuring principle:	Wavelength-dependent light absorption and excitation spectra (PL)
Sample preparation:	Solid samples: Size mind. 10 mm & thickness max. 5 mm Liquids: Standard cuvettes
Type of construction:	Double beam, split beam, transmission, reflection
Radiation source:	Halogen and deuterium lamp
Wavelength range:	190...1100 nm
Spectral bandwidth:	0,5,1,2,4 nm
Reproducibility:	± 0.05 nm
Wavelength accuracy:	± 0.05
Scattered light (%T):	At 220 nm $\leq 0.01\%$ At 340 nm $\leq 0.01\%$