CPAS Spectroscopy

CPAS has tools available in spectroscopy to meet a wide variety of research needs in chemistry, physics, biology and engineering.

Spectrometers

1. Agilent Cary 60 UV-Vis Spectrophotometer

Characterize samples in solution such as ion-metal transition, organic molecules and proteins. Wavelength range 190 - 1100 nm. Fiber optics allow measurements without the need for a cuvette, though a 10mm quartz cuvette option is available. Applications include scanning, concentration, kinetic and RNA/DNA measurements.

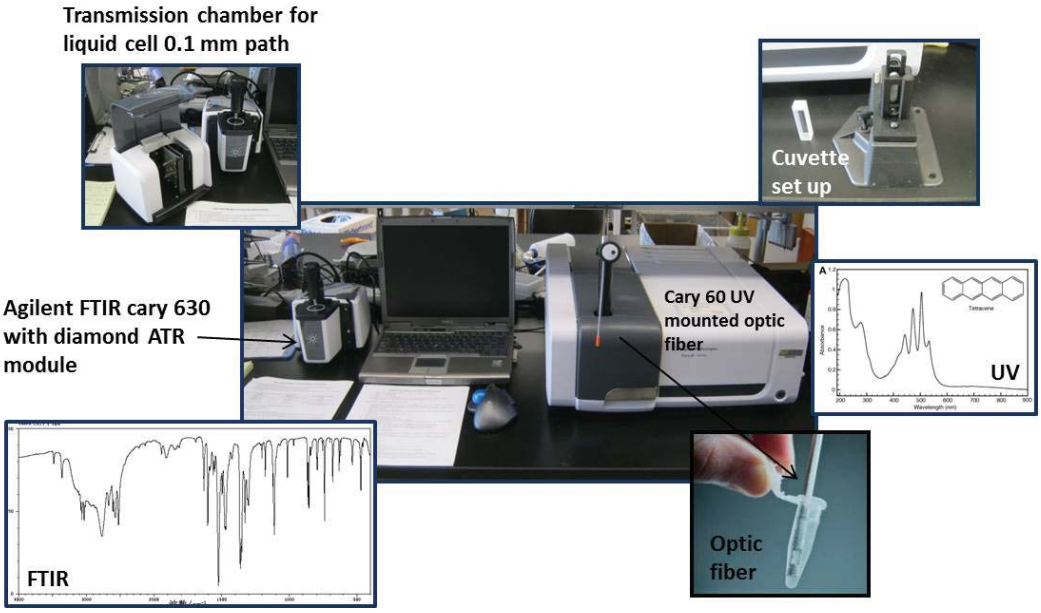
http://www.chem.agilent.com/Library/brochures/5990-7789EN_Cary_60_UV-Vis_Brochure.pdf
http://www.chem.agilent.com/Library/specifications/Public/5990-7881EN_Cary60_Specifications.pdf

2. Cary 630 FTIR Spectrometer

Provides IR measurements using 1) diamond ATR for solid and oily samples and 2) transmission chamber with ZnSe liquid cell (0.1 mm path; volume 0.036 mL) for low quantity samples in solution.

http://www.chem.agilent.com/Library/brochures/5990-8570EN_Cary_630_Bro.pdf
http://www.chem.agilent.com/Library/posters/Public/K8000-90009.pdf

Figure 1. Cary 60 and 630 spectrometers



For more information on instrument specification and availability, please contact:

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