

Olis-Modernized Aminco Dual Wavelength Spectrophotometer

A modernized high quality UV/Vis spectrophotometer ideally suited for monitoring turbid samples (e.g., suspensions of soil, tissue, yeast, and other particulate matter). The dual wavelength spectrophotometer's optics are those of an original Aminco DW-2/2000, so the optical performance is identical to that achieved by the original highly respected and still application appropriate spectrophotometer.

Applications:

UV/Vis absorbance readings from scattering samples
Characterization of mitochondria & cytochrome P450
Study of plant & tissue suspensions

Technical Specifications:

- Dual wavelength
- 190 - 900 nm
- < 0.3 nm resolution
- 2 single grating monochromators
- Deuterium and Tungsten lamps
- Large, end-on PMT detector

Common Accessory Options:

Dual Peltier Cell Holder
Dewar Flask
Magnetic Stirring Accessory
Fluorescence Accessory
Stopped-flow
Water bath



Benefits of the Olis Product:

Proven optical system for correct absorbance readings on turbid samples

Olis SpectralWorks software for collection and analysis of single and multiple wavelength data sets

Less than half the cost of the closest competitor (Olis RSM 1000)

Closest Competitors:

Only known competitor is the Olis RSM 1000