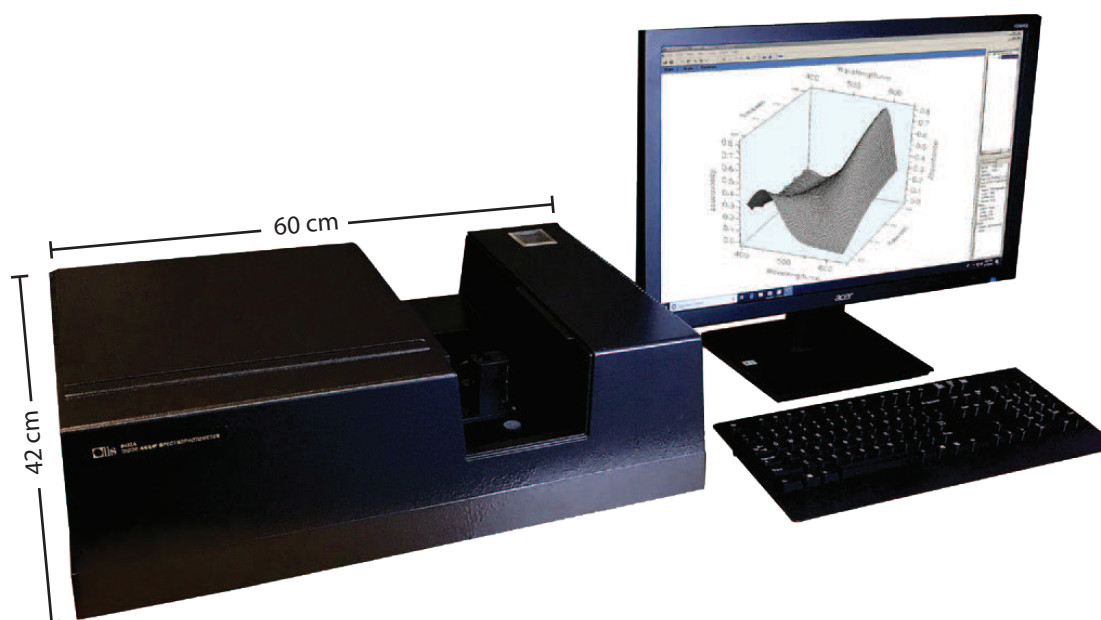


OLIS Upcycled HP 8452 UV/Vis

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Windows 10 Compatibility and a trusted UV/Vis Diode Array

This hybrid model combines the solid-state diode array spectrometer introduced by Hewlett-Packard in the 1980s with OLIS SpectralWorks software. If you are fortunate enough to own an original model, we will upcycle yours; if you prefer this timeless alternative to plastic-rich models produced today, you can purchase the complete system from us.



Standard Acquisition Mode:
Absorbance UV/Vis

Enhancements Supported:
Peltier Thermal Control
Stopped Flow
Titrator

OLIS UPCYCLED HP 8452 UV/VIS SPECIFICATIONS

Wavelength Range	190 - 820 nm
Slit Width	2 nm
Stray Light	<0.05 % at 220 and 340 nm, Hoya O56
Wavelength Accuracy	<± 2 nm, NIST 2034
Wavelength Reproducibility	<± 0.05 nm, NIST 2034, ten consecutive measurements
Photometric Accuracy	± 0.005 A at 1 A, 440 nm, NIST 930e
Photometric Noise	<0.0002 A at 0 A, 500 nm, sixty 0.5-second scans, rms
Photometric Stability	<0.002 A/hr at 0 A, constant ambient temp, after 1-hour warm up, measured over 1 hour, every 5 seconds
Baseline Flatness	<0.001 A, 0.5 second blank, 0.5 second scan, rms
Typical Scan Time	0.5 seconds, full range
Shortest Scan Time	0.1 seconds, full range
Time Until Next Scan	0.6 seconds, no variance/0.1 second