



Multiply Your Experimental Possibilities

Agilent Cary 3500 UV-Vis Spectrophotometer

Streamline experimental design

- Simultaneously scan a full wavelength range, on all eight channels, in less than a second.
- Do four different temperature experiments at the same time and dramatically reduce analysis time.
- Accurately and quickly control the temperature of your samples from 0 to 110 °C without water, noise, or messy cables.
- Get through more samples faster- reduce your thermal ramp time by increasing the ramp rate without sacrificing data quality.

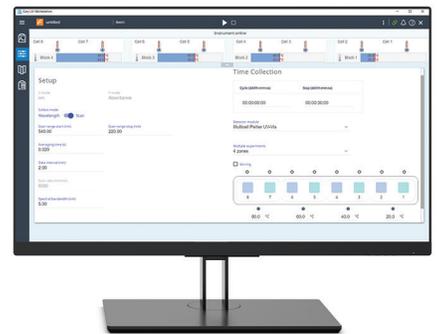
Amplify confidence in your results

- Eliminate dilutions and reduce errors by reliably measuring highly absorbing samples.
- With no moving parts or alignment requirements you can be sure of reproducible, and accurate results every time (even with small volumes).
- Simultaneously measure standards, samples and controls, under exactly the same conditions.
- Never miss critical information with the unbelievably fast, 250 points per second, data collection rate.

The innovative Agilent Cary 3500 UV-Vis will transform your laboratory

Designed from the ground up, it will streamline your experimental design and amplify confidence in your results. The Cary 3500 UV-Vis will change the way you:

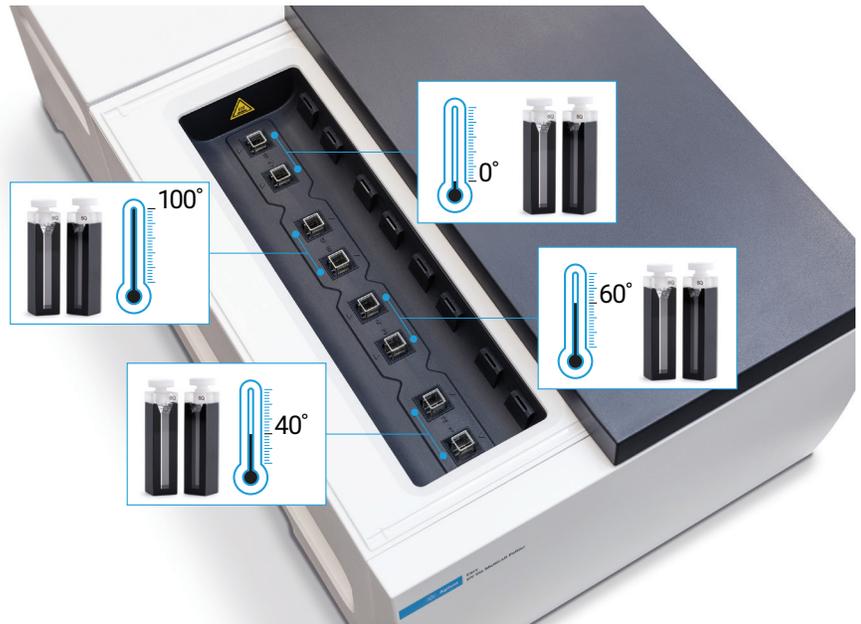
- Monitor enzymatic reactions at temperature
- Calibrate and determine sample concentration
- Perform temperature ramping experiments
- Quantify nucleotides and proteins



Measure samples at four temperatures, simultaneously

The Cary 3500 Multizone UV-Vis has no moving parts and allows up to four temperature zones to be configured. Each pair of cuvettes can be held at a different temperature—so you can do four experiments at once.

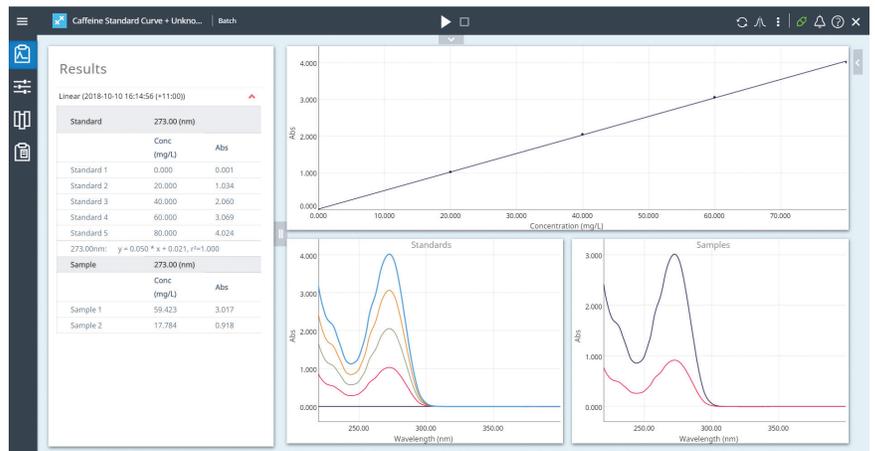
The module includes built-in, software-controlled stirring. Sample temperature can be accurately and reliably controlled by high-performance, Cary temperature probes that read the temperature immediately adjacent to where the sample is being measured.



Create a standard curve and measure samples in less than 1 second

Place your standards in the eight-position multicell holder and fill the other positions with samples. All eight positions are measured simultaneously, under the same conditions. In the time that it normally takes to collect only one spectrum, the full calibration curve, and sample concentration data instantly appear.

The double out-of-plane Littrow monochromator and powerful xenon lamp of the Cary 3500 allows measurements of samples that absorb up to 99.999% of the light. This means faster results, with fewer dilutions and fewer errors.



For more information visit:

www.agilent.com/chem/cary3500uv-vis

This information is subject to change without notice.

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Published in the USA, October 25, 2018
5994-0336EN