

When Optics Matter, Your Choice Is Clear

For more than 75 years, the Cary name has stood for high-performance spectrophotometry in the ultraviolet, visible, and near-infrared regions of the electromagnetic spectrum.



History of Cary Technology

- **1940s** First commercial UV-Vis: the Cary 11
- **1950s** Release of the Cary 14 UV-Vis
- **1960s** Varian merges with Techtron, adding new manufacturing capabilities
- **1970s** First photodiode array spectrophotometer: the 8450A
- **1980s** Release of the acclaimed Cary 1, 3, 4, and 5 UV-Vis spectrophotometers
- **1990s** First 256 x 256 MCT focal plane array for analytical spectroscopy
- **2000s** First ATR chemical imaging system introduced

"For investigators who, on occasion, must push a spectrophotometer to the very limits of its performance capability to obtain the information they need, and yet have an instrument that is adaptable to many different applications."

-Howard Cary

A Decade of Innovation

Agilent Cary: The best keeps getting better



2022

PbSmart detector for Agilent Cary 5000/7000 systems

This latest-generation PbS detector improves sensitivity and minimizes stray light, making it ideal for materials science research. [Learn more](#)



2019

Oxfordshire, UK Laser Spectroscopy Center of Excellence

Dedicated to R&D in the field of vibrational spectroscopy, this newest center extends the Agilent commitment to innovation—specifically in the field of Agilent Raman technology.



2018

Agilent Cary 3500 UV-Vis spectrophotometer

Offers new measurement capabilities for routine and challenging analysis, including advanced data integrity for compliant environments. [Learn more](#)



2017

Automated diffraction grating measurements

The Agilent Cary 7000 UMS streamlines QC measurements of diffraction grating efficiency by reducing measurement time and manual handling. [Learn more](#)



2016

Solids autosampler

Elevates UMS and UMA productivity by measuring up to 32 samples in a single run, and profiling larger samples for coating uniformity. [Learn more](#)



2013

Agilent Cary 7000 UMS and UMA

Collects hundreds of UV-Vis-NIR spectra overnight. Characterizes optical components and thin films in minutes to hours, rather than hours to days. [Learn more](#)



2013

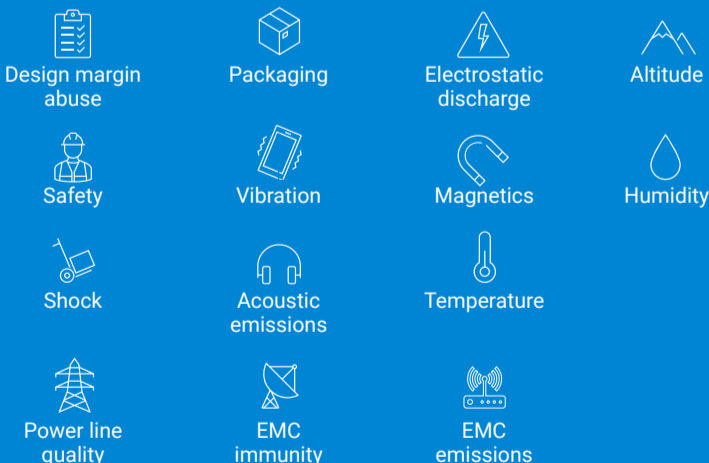
Melbourne, AU Spectroscopy Technology Innovation Center

Cutting-edge research and testing labs, plus demo and training facilities, provide the necessary technology facilities between Agilent divisions, research partners, and users worldwide.

Commitment to Quality

Quality assured:
Designed and tested for every environment

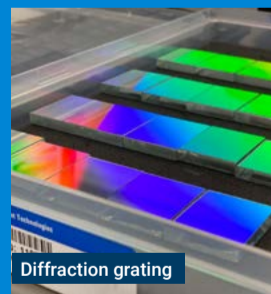
Agilent environmental test manual (ETM) standards significantly exceed controlled laboratory conditions, so every product arrives ready to go from day one. Tests include:



Precision optics: Ensuring that every product performs as promised

The in-house Agilent Precision Optics Group manufactures all major optical components essential for the photometric performance of Cary UV-Vis-NIR spectrophotometers. Its mission includes:

- Designing and manufacturing optics, mirrors, and protective coatings
- Eliminating external supply component variability by reproducing and controlling diffraction gratings
- Ensuring absolute confidence in the quality of finished systems



Commitment to Support Throughout Your Purchasing Journey and Beyond



Expertise

The people behind Agilent products bring their depth and breadth of knowledge to bear in every interaction.



24/7 support

A representative is always standing by to handle your most urgent questions. Call, chat with us on our website, or visit our community hub to collaborate, ask questions, and find answers.



Agilent Value Promise

We guarantee at least 10 years of instrument life with seven years of guaranteed support.

Discover how Agilent continues the Cary tradition of bringing the best products to light.

www.agilent.com/chem/uv-vis-uv-vis-nir

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