

QUV



Accelerated

Weathering Tester

To simulate outdoor weathering, the QUV tester exposes materials to alternating cycles of UV light and moisture at controlled, elevated temperatures. It simulates the effects of sunlight using special fluorescent UV lamps. It simulates dew and rain with condensing humidity and/or water spray. The QUV accelerated weathering tester is the simplest, most reliable, and easiest to use weathering tester available. With thousands of testers in use world-wide, it is the world's most widely used weathering tester.

QUV Lamps

Q-Lab supplies the highest quality UV fluorescent lamps available. The technology behind the lamps produces a spectrum that is inherently stable throughout their use. Each manufacturing lot is required to pass a stringent series of tests before it is approved for sale. The result is that the QUV provides a consistent, stable spectrum, year after year.

SOLAR EYE® Irradiance Control

The SOLAR EYE is a precision control system that automatically maintains light intensity through a feedback loop. System allows better reproducibility and repeatability than manual irradiance control systems.

Moisture Simulation

The QUV allows two approaches to moisture simulation. For most applications, condensing humidity is the best way to simulate outdoor moisture attack. Can produce both condensation and water spray.

QUV Controller

The controller constantly monitors the status and performance of all systems, displays simple warning messages, routine service reminders or performs safety shutdown, as needed. Automatically record exposure conditions, transfer data from QUV to a Windows-based computer.

Space Saver Frames

The QUV requires little floor space in crowded labs. Doors swing up and out of the way for easy access to the chamber. Where space is at a premium, QUVs can be stacked two-high with Space Saver Frames.



QUV

- Simple user interface for easy programming.
- Exposure conditions displayed continuously.
- Self-diagnostic warnings and service reminders.
- Quick calibration with patented AUTOCAL system.
- Low cost, long life fluorescent UV lamps.
- Ordinary tap water for condensation.