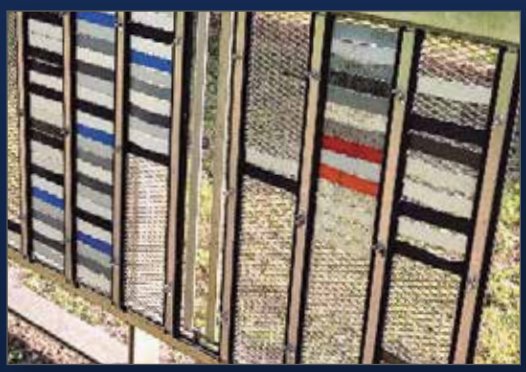
OUTDOOR TESTING
FLORIDA

Q-Lab provides internationally-recognized outdoor subtropical weathering at our benchmark Florida location

South Florida is the world standard for sub-tropical outdoor exposure tests. Florida has the perfect year-round combination of abundant sunlight, warm temperatures and high moisture, creating an environment that is highly conducive to increased product degradation.

Furthermore, these consistently demanding outdoor conditions are comparable with summer conditions in many other regions of the world. Florida has the same weather as most of the world, just “more of it.”



Located near Miami, Q-Lab Florida’s outdoor testing site is ideal for repeatable and realistic outdoor exposure testing for products in both temperate and tropical regions.

One year of Florida sunshine can equate to several years of weathering in more temperate climates, making Florida outdoor exposure a perfect complement to any accelerated laboratory weathering program.

Q-Lab testing gives your results instant credibility with your customers and colleagues. We conduct all exposure tests and evaluations in accordance with ASTM, ISO, BSI, DIN, JIS, SAE, and other recognized organizations.

Natural outdoor exposures give the most realistic prediction of product performance and can help you avoid unexpected failures. Don’t guess when you can test.

Start your test today! **q-lab.com/test-services**

We make testing simple.

OUTDOOR TESTING
ARIZONA

Q-Lab provides internationally-recognized outdoor desert weathering at our benchmark Arizona location

Arizona's harsh environment has the perfect year-round combination of abundant sunlight, high temperatures, and low relative humidity, creating an environment that is highly conducive to increased product degradation. Additionally, Q-TRAC and AIM box testing also give you options to accelerate testing even further while using natural stressors.

If you are looking for the most realistic outdoor product durability testing - natural or accelerated – review Q-Lab's Arizona testing services offerings.

The Arizona desert is much hotter than Florida, with summer temperatures reaching 115°F (46°C). Arizona also receives about 20% more annual total solar energy than Florida. In addition, with this high level of solar energy, specimen temperatures rise substantially during the day. With low humidity and falling temperatures at night, specimens exposed in the Arizona desert experience extreme day-to-night temperature variations that test thermal expansion and contraction performance of materials, composites, and assemblies.

Q-TRAC natural sunlight concentrators accelerate outdoor testing by delivering five times the natural sunlight of Florida exposures. Automotive Interior Materials (AIM) boxes simulate high temperatures of interior automotive parts. Both tests offer both acceleration along with real-world weathering stresses.

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Shouldn't your weathering program be as comprehensive as possible?
For more information on how to build a complete and thorough weathering test program that includes Arizona exposures, call a Q-Lab technical expert today.

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